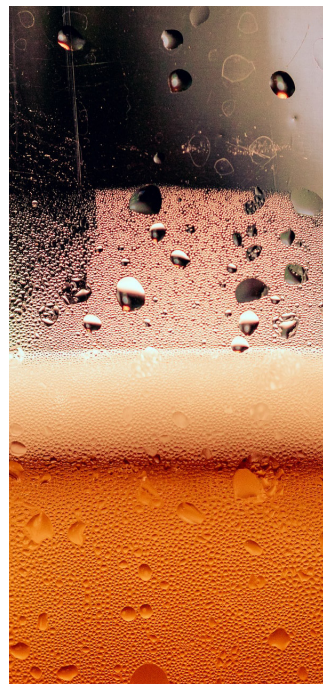




flexible rubber hoses for

# FOOD & BEVERAGE APPLICATIONS







delivering  
safety



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MADE IN ITALY

DISCOVER OUR FULL RANGE OF FLEXIBLE HOSES

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## FOOD APPLICATIONS

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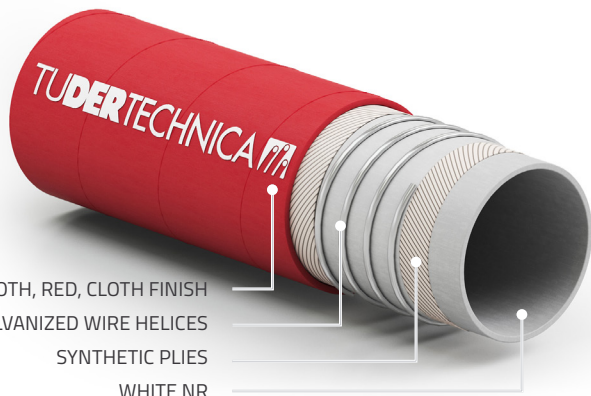
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**TUFOOD® NATURAL**



- SMOOTH, RED, CLOTH FINISH
- GALVANIZED WIRE HELICES
- SYNTHETIC PLYS
- WHITE NR

Suction and delivery hose suitable for milk, milk by-products, wine and non-fatty food products. Manufactured according to GMP (Reg. (CE) 2023/2006).

**DESCRIPTION**

**Tube**

NR, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Tube tested according to the main norms for food contact materials. Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006.

**Reinforcement**

synthetic plies, galvanized wire helices

**Cover**

smooth, red, cloth finish. Abrasion, ageing and ozone resistant

**Marking**

TUDERTECHNICA TUFOOD® NATURAL

**TECHNICAL CHARACTERISTICS**

**Temperature range:** -40°C / +80°C ( -40°F / +176°F )  
**Norm:** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing on Tudertechnica website

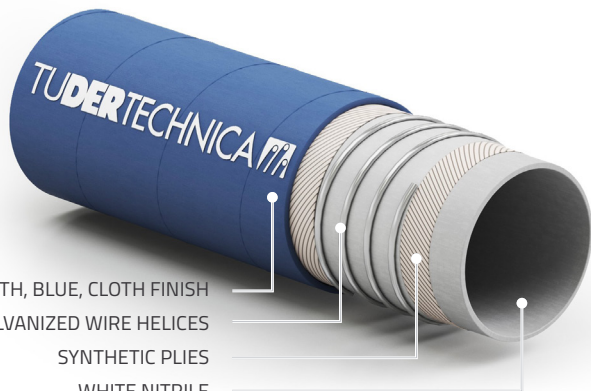


| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |       |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|-------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in]  |
| 19              | 0,75 | 31               | 1,22 | 0,9    | 13    | 10               | 150   | 30             | 450   | 0,66         | 0,44     | 60             | 2,36  |
| 25              | 1,00 | 37               | 1,46 | 0,9    | 13    | 10               | 150   | 30             | 450   | 0,81         | 0,54     | 85             | 3,35  |
| 32              | 1,25 | 44               | 1,73 | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,00         | 0,67     | 115            | 4,53  |
| 38              | 1,50 | 51               | 2,00 | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,28         | 0,86     | 150            | 5,91  |
| 51              | 2,00 | 64               | 2,52 | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,66         | 1,11     | 210            | 8,27  |
| 63,5            | 2,50 | 78,5             | 3,09 | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,52         | 1,69     | 265            | 10,43 |
| 76              | 3,00 | 91               | 3,58 | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,97         | 1,99     | 320            | 12,60 |
| 102             | 4,00 | 118              | 4,65 | 0,9    | 13    | 10               | 150   | 30             | 450   | 4,16         | 2,79     | 430            | 16,93 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-04-12

**TUFOOD® FAT**



- SMOOTH, BLUE, CLOTH FINISH
- GALVANIZED WIRE HELICES
- SYNTHETIC PLYS
- WHITE NITRILE

Suction and delivery hose suitable for fatty and non-fatty food products. Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006).

**DESCRIPTION**

**Tube**

NBR, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006; 3A Sanitary Standards Number 18-03 Class II; Arrêté du 5 août 2020.

**Reinforcement**

synthetic plies, galvanized wire helices

**Cover**

smooth, blue, cloth finish. Abrasion, ageing, ozone and oil resistant

**Marking**

TUDERTECHNICA TUFOOD® FAT

**TECHNICAL CHARACTERISTICS**

**Temperature range :** -25°C / +80°C ( -13°F / +176°F )  
**Norm :** ISO 1307 for dimensional tolerances



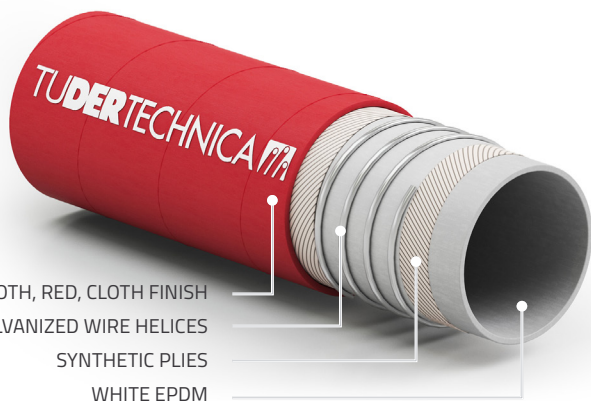
refer to guidelines for cleaning and sanitizing on Tudertecnica website

| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |       |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|-------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in]  |
| 19              | 0,75 | 31               | 1,22 | 0,9    | 13    | 10               | 150   | 30             | 450   | 0,74         | 0,50     | 60             | 2,36  |
| 25              | 1,00 | 37               | 1,46 | 0,9    | 13    | 10               | 150   | 30             | 450   | 0,91         | 0,61     | 85             | 3,35  |
| 32              | 1,25 | 44               | 1,73 | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,12         | 0,75     | 115            | 4,53  |
| 38              | 1,50 | 51               | 2,00 | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,40         | 0,94     | 150            | 5,91  |
| 51              | 2,00 | 64               | 2,52 | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,80         | 1,21     | 210            | 8,27  |
| 63,5            | 2,50 | 78,5             | 3,09 | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,70         | 1,81     | 265            | 10,43 |
| 76              | 3,00 | 91               | 3,58 | 0,9    | 13    | 10               | 150   | 30             | 450   | 3,17         | 2,12     | 320            | 12,60 |
| 102             | 4,00 | 118              | 4,65 | 0,9    | 13    | 10               | 150   | 30             | 450   | 4,42         | 2,96     | 430            | 16,93 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request



**TUFOOD® EPDM**



- SMOOTH, RED, CLOTH FINISH
- GALVANIZED WIRE HELICES
- SYNTHETIC PLYS
- WHITE EPDM

Suction and delivery hose suitable for a wide range of food products. Not recommended for fatty food products and oil. Manufactured according to GMP (Reg. (CE) 2023/2006).

**DESCRIPTION**

**Tube**

EPDM, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Tube tested according to the main norms for food contact materials. Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006; 3A Sanitary Standards Number 18-03 Class II.

**Reinforcement**

synthetic plies, galvanized wire helices

**Cover**

smooth, red, cloth finish. Abrasion, ageing and ozone resistant

**Marking**

TUDERTECHNICA TUFOOD® EPDM

**TECHNICAL CHARACTERISTICS**

**Temperature range** : -40°C / +120°C ( -40°F / +248°F )  
**Norm** : ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing on Tudertechnica website

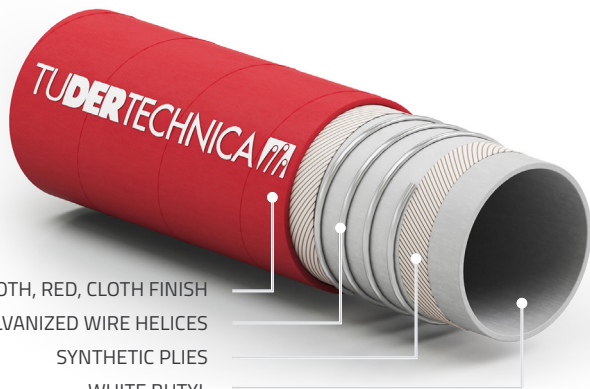


**3A**

| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |       |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|-------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in]  |
| 19              | 0,75 | 31               | 1,22 | 0,9    | 13    | 10               | 150   | 30             | 450   | 0,71         | 0,48     | 60             | 2,36  |
| 25              | 1,00 | 37               | 1,46 | 0,9    | 13    | 10               | 150   | 30             | 450   | 0,87         | 0,58     | 85             | 3,35  |
| 32              | 1,25 | 44               | 1,73 | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,06         | 0,71     | 115            | 4,53  |
| 38              | 1,50 | 51               | 2,00 | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,34         | 0,90     | 150            | 5,91  |
| 51              | 2,00 | 64               | 2,52 | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,72         | 1,15     | 210            | 8,27  |
| 63,5            | 2,50 | 78,5             | 3,09 | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,59         | 1,74     | 265            | 10,43 |
| 76              | 3,00 | 91               | 3,58 | 0,9    | 13    | 10               | 150   | 30             | 450   | 3,04         | 2,04     | 320            | 12,60 |
| 102             | 4,00 | 118              | 4,65 | 0,9    | 13    | 10               | 150   | 30             | 450   | 4,25         | 2,85     | 430            | 16,93 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

 **TUPRESTIGE**



- SMOOTH, RED, CLOTH FINISH
- GALVANIZED WIRE HELICES
- SYNTHETIC PLYS
- WHITE BUTYL

Premium grade low permeation suction and delivery hose suitable for a wide range of products. Recommended for wine and spirits. Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006).

**DESCRIPTION**

**Tube**

BIIR, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006; 3A Sanitary Standards Number 18-03 Class II; Arrêté du 09 novembre 1994.

**Reinforcement**

synthetic plies, galvanized wire helices

**Cover**

smooth, red, cloth finish. Abrasion, ageing and ozone resistant

**Marking**

TUDERTECHNICA TUPRESTIGE

**TECHNICAL CHARACTERISTICS**

**Temperature range** : -40°C / +120°C ( -40°F / +248°F )  
**Norm** : ISO 1307 for dimensional tolerances



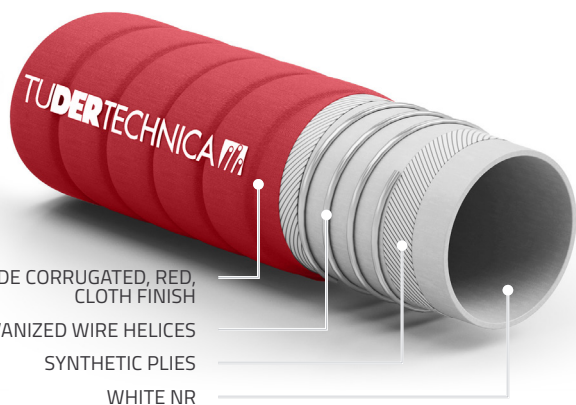
refer to guidelines for cleaning and sanitizing on Tudertechnica website

|                            |                                      |            |            |                         |                        |   |                          |
|----------------------------|--------------------------------------|------------|------------|-------------------------|------------------------|---|--------------------------|
| <b>GMP</b><br>CE 2023/2006 | <b>PHthalates REACH FREE</b>         | <b>FDA</b> | <b>BFR</b> | <b>DM</b><br>21/03/1973 | <b>CE</b><br>1935/2004 |  | <b>MHLW</b><br>1959-2006 |
| <b>3A</b>                  | <b>ARRÊTÉ FRANÇAIS</b><br>09/11/1994 |            |            |                         |                        |   |                          |

| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |       |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|-------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in]  |
| 19              | 0,75 | 31               | 1,22 | 0,9    | 13    | 10               | 150   | 30             | 450   | 0,71         | 0,48     | 60             | 2,36  |
| 25              | 1,00 | 37               | 1,46 | 0,9    | 13    | 10               | 150   | 30             | 450   | 0,87         | 0,58     | 85             | 3,35  |
| 32              | 1,25 | 44               | 1,73 | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,06         | 0,71     | 115            | 4,53  |
| 38              | 1,50 | 51               | 2,00 | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,34         | 0,90     | 150            | 5,91  |
| 51              | 2,00 | 64               | 2,52 | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,72         | 1,15     | 210            | 8,27  |
| 63,5            | 2,50 | 78,5             | 3,09 | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,59         | 1,74     | 265            | 10,43 |
| 76              | 3,00 | 91               | 3,58 | 0,9    | 13    | 10               | 150   | 30             | 450   | 3,04         | 2,04     | 320            | 12,60 |
| 102             | 4,00 | 118              | 4,65 | 0,9    | 13    | 10               | 150   | 30             | 450   | 4,25         | 2,85     | 430            | 16,93 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

## TUFOOD® NATURAL FORM



WIDE CORRUGATED, RED,  
CLOTH FINISH  
GALVANIZED WIRE HELICES  
SYNTHETIC PLYS  
WHITE NR

Suction and delivery hose suitable for milk, milk by-products, wine and non-fatty food products. Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

NR, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Tube tested according to the main norms for food contact materials. Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006.

#### Reinforcement

synthetic plies, galvanized wire helices

#### Cover

wide corrugated, red, cloth finish. Abrasion, ageing and ozone resistant

#### Marking

TUDERTECHNICA TUFOOD® NATURAL

### TECHNICAL CHARACTERISTICS

**Temperature range** : -40°C / +80°C ( -40°F / +176°F )  
**Norm** : ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing  
on Tudertecnica website



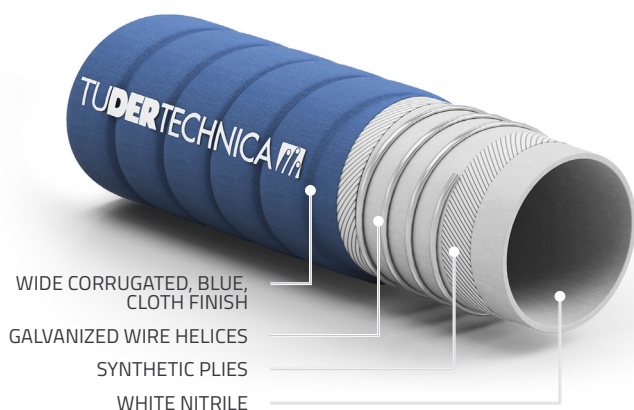
| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |      |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in] |
| 25              | 1,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 0,74         | 0,50     | 70             | 2,76 |
| 32              | 1,26 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 0,92         | 0,62     | 75             | 2,95 |
| 38              | 1,50 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,40         | 0,94     | 80             | 3,15 |
| 51              | 2,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,75         | 1,18     | 100            | 3,94 |
| 63,5            | 2,50 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,13         | 1,43     | 130            | 5,12 |
| 76              | 3,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,83         | 1,90     | 150            | 5,91 |
| 102             | 4,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 3,53         | 2,37     | 250            | 9,84 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-04-12



## TUFOOD® FAT FORM



WIDE CORRUGATED, BLUE,  
CLOTH FINISH

GALVANIZED WIRE HELICES

SYNTHETIC PLYS

WHITE NITRILE

### TECHNICAL CHARACTERISTICS

**Temperature range :** -25°C / +80°C ( -13°F / +176°F )  
**Norm :** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing  
on Tudertecnica website

**GMP**  
CE 2023/2006

**PHthalates  
REACH  
FREE**

**FDA**

**BFR**

**DM**  
21/03/1973

**CE**  
1935/2004



**MHLW**  
1959-2006

**3A**

**ARRÊTÉ FRANÇAIS**  
05/08/2020

Suction and delivery hose suitable for fatty and non-fatty food products. Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

NBR, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006; 3A Sanitary Standards Number 18-03 Class II; Arrêté du 5 août 2020.

#### Reinforcement

synthetic plies, galvanized wire helices

#### Cover

wide corrugated, blue, cloth finish. Abrasion, ageing and ozone resistant

#### Marking

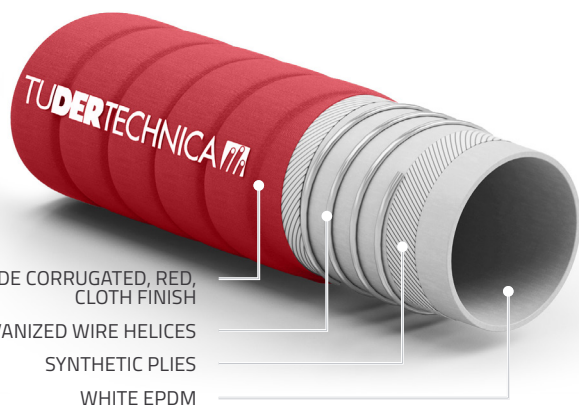
TUDERTECHNICA TUFOOD® FAT

| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |      |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in] |
| 25              | 1,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 0,81         | 0,54     | 70             | 2,76 |
| 32              | 1,25 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 0,98         | 0,66     | 75             | 2,95 |
| 38              | 1,50 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,27         | 0,85     | 80             | 3,15 |
| 51              | 2,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,97         | 1,32     | 100            | 3,94 |
| 63,5            | 2,50 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,41         | 1,61     | 130            | 5,12 |
| 76              | 3,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 3,03         | 2,03     | 150            | 5,91 |
| 102             | 4,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 4,63         | 3,10     | 250            | 9,84 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-09-02

## TUFOOD® EPDM FORM



WIDE CORRUGATED, RED,  
CLOTH FINISH  
GALVANIZED WIRE HELICES  
SYNTHETIC PLYS  
WHITE EPDM

### TECHNICAL CHARACTERISTICS

**Temperature range** : -40°C / +120°C (-40°F / +248°F)  
**Norm** : ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing  
on Tudertecnica website

GMP  
CE 2023/2006

PHthalates  
REACH  
FREE

FDA

BFR

DM  
21/03/1973

CE  
1935/2004



MHLW  
1959-2006

3A

Suction and delivery hose suitable for a wide range of food products. Not recommended for fatty food products and oil. Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

EPDM, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Tube tested according to the main norms for food contact materials. Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006; 3A Sanitary Standards Number 18-03 Class II.

#### Reinforcement

synthetic plies, galvanized wire helices

#### Cover

wide corrugated, red, cloth finish. Abrasion, ageing and ozone resistant

#### Marking

TUDERTECHNICA TUFOOD® EPDM

| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |      |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in] |
| 25              | 1,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 0,75         | 0,50     | 70             | 2,76 |
| 32              | 1,25 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 0,91         | 0,61     | 75             | 2,95 |
| 38              | 1,50 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,17         | 0,78     | 80             | 3,15 |
| 51              | 2,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,81         | 1,21     | 100            | 3,94 |
| 63,5            | 2,50 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,19         | 1,47     | 130            | 5,12 |
| 76              | 3,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,81         | 1,88     | 150            | 5,91 |
| 102             | 4,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 4,27         | 2,86     | 250            | 9,84 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-04-12

## TUPRESTIGE FORM



WIDE CORRUGATED, RED,  
CLOTH FINISH  
GALVANIZED WIRE HELICES  
SYNTHETIC PLIES  
WHITE BUTYL

### TECHNICAL CHARACTERISTICS

**Temperature range** : -40°C / +120°C ( -40°F / +248°F )  
**Norm** : ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing  
on Tudertecnica website

**GMP**  
CE 2023/2006

**PHthalates  
REACH  
FREE**

**FDA**

**BFR**

**DM**  
21/03/1973

**CE**  
1935/2004



**MHLW**  
1959-2006

**3A**

**ARRÊTÉ  
FRANÇAIS**  
09/11/1994

Premium grade low permeation suction and delivery hose suitable for a wide range of products. Recommended for wine and spirits. Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

BIIR, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006; 3A Sanitary Standards Number 18-03 Class II; Arrêté du 09 novembre 1994.

#### Reinforcement

synthetic plies, galvanized wire helices

#### Cover

wide corrugated, red, cloth finish. Abrasion, ageing and ozone resistant

#### Marking

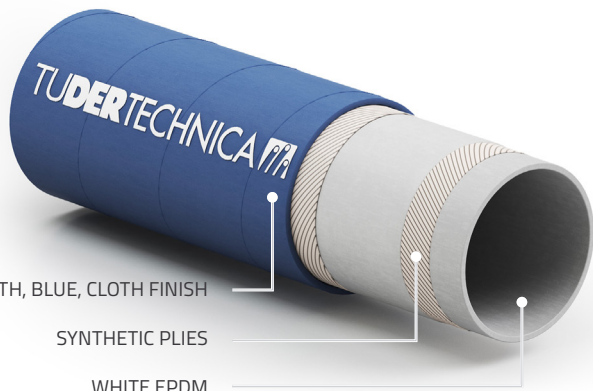
TUDERTECHNICA TUPRESTIGE

| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |      |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in] |
| 25              | 1,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 0,77         | 0,52     | 70             | 2,76 |
| 32              | 1,25 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 0,93         | 0,62     | 75             | 2,95 |
| 38              | 1,50 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,19         | 0,80     | 80             | 3,15 |
| 51              | 2,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,85         | 1,24     | 100            | 3,94 |
| 63,5            | 2,50 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,23         | 1,50     | 130            | 5,12 |
| 76              | 3,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,87         | 1,93     | 150            | 5,91 |
| 102             | 4,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 4,36         | 2,93     | 250            | 9,84 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-04-12

## TUBLUESTREAM



SMOOTH, BLUE, CLOTH FINISH

SYNTHETIC PLYS

WHITE EPDM

Delivery hose suitable for cleaning plant and equipment with hot water mixed with steam. Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

EPDM, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Tube tested according to the main norms for food contact materials. Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006; 3A Sanitary Standards Number 18-03 Class II.

#### Reinforcement

synthetic plies

#### Cover

smooth, blue, pin pricked, cloth finish. Abrasion, ageing, ozone and oil resistant

#### Marking

TUDERTECHNICA TUBLUESTREAM

### TECHNICAL CHARACTERISTICS

**Temperature range :** -40°C / +164°C ( -40°F / +327°F )

The operating temperature of the hose is directly dependent upon the specific fluid been conveyed, the length of time the fluid is in contact with the hose and the working pressure. For longer life, drain after use.

**Norm :** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing on Tudertechnica website



3A

| Inside diameter |      | Outside diameter |      | Working Pressure (164 °C) |       | Working Pressure (95 °C) |       | Burst pressure |       | Appr. weight |          | Bending radius |      |
|-----------------|------|------------------|------|---------------------------|-------|--------------------------|-------|----------------|-------|--------------|----------|----------------|------|
| [mm]            | [in] | [mm]             | [in] | [bar]                     | [psi] | [bar]                    | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in] |
| 10              | 0,39 | 20               | 0,79 | 6                         | 90    | 20                       | 300   | 60             | 900   | 0,29         | 0,19     | -              | -    |
| 13              | 0,50 | 23               | 0,91 | 6                         | 90    | 20                       | 300   | 60             | 900   | 0,35         | 0,23     | -              | -    |
| 16              | 0,63 | 26               | 1,02 | 6                         | 90    | 20                       | 300   | 60             | 900   | 0,41         | 0,27     | -              | -    |
| 19              | 0,75 | 31               | 1,22 | 6                         | 90    | 20                       | 300   | 60             | 900   | 0,60         | 0,40     | -              | -    |
| 25              | 1,00 | 39,5             | 1,56 | 6                         | 90    | 20                       | 300   | 60             | 900   | 0,93         | 0,62     | -              | -    |
| 32              | 1,25 | 46,5             | 1,83 | 6                         | 90    | 20                       | 300   | 60             | 900   | 1,16         | 0,78     | -              | -    |
| 38              | 1,50 | 54               | 2,13 | 6                         | 90    | 20                       | 300   | 60             | 900   | 1,47         | 0,98     | -              | -    |
| 51              | 2,00 | 68               | 2,68 | 6                         | 90    | 20                       | 300   | 60             | 900   | 2,03         | 1,36     | -              | -    |

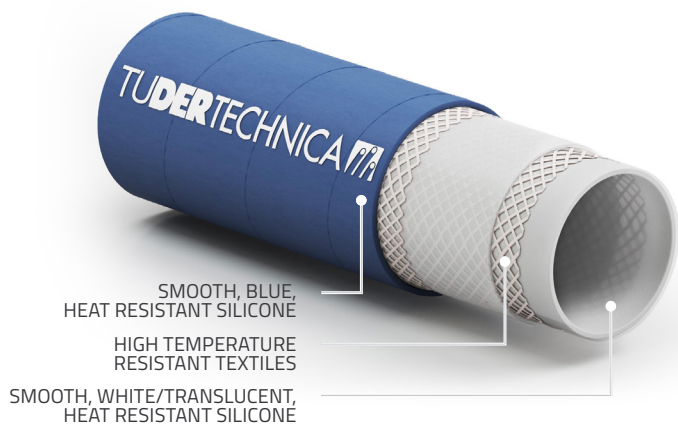
Data refer to ambient temperature (20 °C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-04-12

## TUSIL® ACQUA



## TUSIL® ACQUA



### TECHNICAL CHARACTERISTICS

**Temperature range:** -60°C / +160 °C (-76 °F / +320 °F)  
**Norm:** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing on Tudertechnica website



Delivery hose, tested according to the main norms for potable water. Meets the UBA KTW guideline requirements (cold water up to 55°C). Manufactured according to GMP (Reg. (CE) 2023/2006) and FCM (Reg. (CE) 1935/2004).

### DESCRIPTION

#### Tube

silicone, white/translucent, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.2600 for aqueous products; BfR for aqueous products; REGULATION 1935/2004/CE; UBA KTW; DVGW W 270.

#### Reinforcement

high temperature resistant textiles

#### Cover

smooth silicone, blue, cloth finish. Heat, ageing and ozone resistant

#### Marking

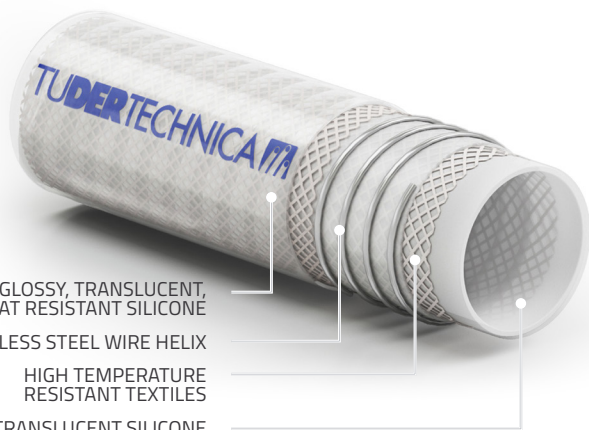
TUDERTECHNICA TUSIL® ACQUA

| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |        |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|--------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in]   |
| 10              | 0,39 | 19               | 0,75 | -      | -     | 20               | 300   | 60             | 900   | 0,25         | 0,17     | 50 *           | 1,97 * |
| 13              | 0,51 | 22               | 0,87 | -      | -     | 18               | 260   | 54             | 780   | 0,31         | 0,21     | 65 *           | 2,56 * |
| 19              | 0,75 | 29               | 1,14 | -      | -     | 13               | 195   | 39             | 585   | 0,48         | 0,32     | 95 *           | 3,74 * |
| 25              | 0,98 | 35               | 1,38 | -      | -     | 12               | 180   | 36             | 540   | 0,60         | 0,40     | 140 *          | 5,51 * |
| 32              | 1,25 | 44               | 1,73 | 0,7    | 10    | 12               | 180   | 36             | 540   | 0,68         | 0,46     | 190            | 7,48   |
| 38              | 1,50 | 50               | 1,97 | 0,7    | 10    | 10               | 150   | 30             | 450   | 0,75         | 0,50     | 230            | 9,06   |
| 50              | 1,97 | 64               | 2,52 | 0,7    | 10    | 10               | 150   | 30             | 450   | 1,17         | 0,79     | 310            | 12,20  |

Data refer to ambient temperature (20°C); we recommend a reduction of 20% working pressure for every 100°C of temperature increase. We reserve the right to supply in random lengths shorter than 40mt or 20mt. \* Bending radius at 1 BAR.

REV-2021-08-05

## TUSIL® BRIGHT PREMIUM



SMOOTH, GLOSSY, TRANSLUCENT,  
HEAT RESISTANT SILICONE

STAINLESS STEEL WIRE HELIX

HIGH TEMPERATURE  
RESISTANT TEXTILES

TRANSLUCENT SILICONE

### TECHNICAL CHARACTERISTICS

**Temperature range :** -60°C / +200°C ( -76°F / +392°F )

The operating temperature of the hose is directly dependent upon the specific fluid been conveyed and the length of time the fluid is in contact with the hose.

**Norm :** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing on Tudertechnica website



Suction and delivery hose suitable for cosmetic, pharmaceutical and food products. Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006). Not intended for use as an implant material. Not suitable for blood or human fluids.

### DESCRIPTION

#### Tube

platinum-cured silicone, translucent, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.2600; USP class VI main requirements; European Pharmacopoeia ed. 8.1/2014 3.1.9; ISO 10993 - 4:2017, 5:2009, 12:2012; BfR XV; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959, No.201,2006 and revision 2012; 3A Sanitary Standard 18-03-Class I; Arrêté du 25 novembre 1992.

#### Reinforcement

high temperature resistant textiles, stainless steel wire helix

#### Cover

smooth, platinum-cured silicone, translucent, glossy cover. Heat, ageing and ozone resistant

#### Marking

TUDERTECHNICA TUSIL® BRIGHT PREMIUM

| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |      |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in] |
| 13              | 0,50 | 24               | 0,94 | 0,9    | 13    | 15               | 225   | 45             | 675   | 0,41         | 0,28     | 50             | 1,97 |
| 16              | 0,63 | 27               | 1,06 | 0,9    | 13    | 14               | 210   | 42             | 630   | 0,50         | 0,33     | 60             | 2,36 |
| 19              | 0,75 | 30               | 1,18 | 0,9    | 13    | 13               | 195   | 39             | 585   | 0,57         | 0,38     | 70             | 2,76 |
| 25              | 1,00 | 36               | 1,42 | 0,9    | 13    | 10               | 150   | 30             | 450   | 0,72         | 0,49     | 90             | 3,54 |
| 32              | 1,25 | 43               | 1,69 | 0,9    | 13    | 8                | 120   | 24             | 360   | 0,87         | 0,59     | 115            | 4,53 |
| 38              | 1,50 | 51               | 2,00 | 0,9    | 13    | 7                | 105   | 21             | 315   | 1,17         | 0,78     | 140            | 5,51 |
| 51              | 2,00 | 64               | 2,52 | 0,9    | 13    | 6                | 90    | 18             | 270   | 1,62         | 1,09     | 190            | 7,48 |

Data refer to ambient temperature (20°C); we recommend a reduction of 20% working pressure for every 100°C of temperature increase. Also available as CRUSH RESISTANT with thermoplastic helix. We reserve the right to supply in random lengths shorter than 40mt or 20mt.

REV-2021-08-05



## TUSIL® BRIGHT



- SMOOTH, GLOSSY, TRANSLUCENT, HEAT RESISTANT SILICONE
- STAINLESS STEEL WIRE HELIX
- HIGH TEMPERATURE RESISTANT PLYS
- TRANSLUCENT SILICONE

Suction and delivery hose suitable for cosmetic, pharmaceutical and food products. Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006). Not intended for use as an implant material. Not suitable for blood or human fluids.

### DESCRIPTION

#### Tube

silicone, translucent, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.2600; USP class VI main requirements; European Pharmacopoeia ed. 8.1/2014 3.1.9; ISO 10993 - 5:2009, 11:2009; BfR XV; REGULATION 1935/2004/CE; DM 21/03/1973 and subsequent amendments; Japan Ministry of Health and Welfare Notice No.370,1959, No.201,2006 and revision 2012; 3A Sanitary Standards Number 18-03 Class II.

#### Reinforcement

high temperature resistant plies, stainless steel wire helix

#### Cover

smooth, silicone, translucent, glossy. Heat, ageing and ozone resistant

#### Marking

TUDERTECHNICA TUSIL® BRIGHT

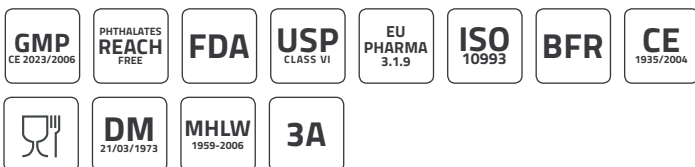
### TECHNICAL CHARACTERISTICS

**Temperature range :** -60°C / +200°C ( -76°F / +392°F )

The operating temperature of the hose is directly dependent upon the specific fluid been conveyed and the length of time the fluid is in contact with the hose.

**Norm :** ISO 1307 for dimensional tolerances

refer to guidelines for cleaning and sanitizing on Tudertecnica website

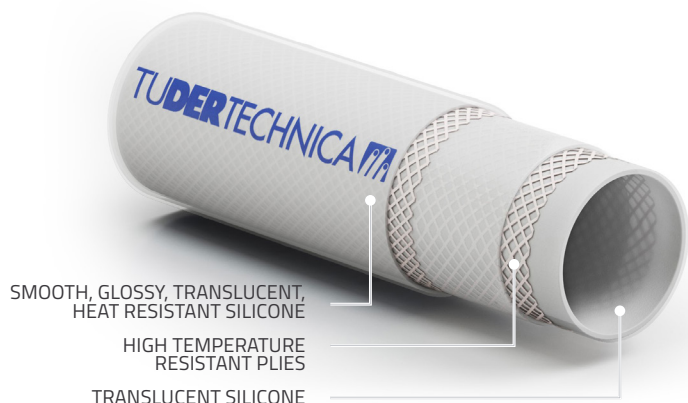


| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |       |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|-------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in]  |
| 63,5            | 2,50 | 78,5             | 3,09 | 0,9    | 13    | 5                | 75    | 15             | 225   | 2,32         | 1,55     | 260            | 10,24 |
| 76              | 3,00 | 91               | 3,58 | 0,9    | 13    | 4                | 60    | 12             | 180   | 2,72         | 1,82     | 310            | 12,20 |
| 102             | 4,00 | 117              | 4,61 | 0,9    | 13    | 3                | 45    | 9              | 135   | 3,55         | 2,38     | 420            | 16,54 |

Data refer to ambient temperature (20°C); we recommend a reduction of 20% working pressure for every 100°C of temperature increase. Other diameters, wall thickness and pressure only on specific request. Also available as CRUSH RESISTANT with thermoplastic helix. We reserve the right to supply in random lengths shorter than 40mt or 20mt.

REV-2021-08-05

## TUSIL® BRIGHT D



SMOOTH, GLOSSY, TRANSLUCENT,  
HEAT RESISTANT SILICONE

HIGH TEMPERATURE  
RESISTANT PLIES

TRANSLUCENT SILICONE

Delivery hose suitable for cosmetic, pharmaceutical and food products. Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006). Not intended for use as an implant material. Not suitable for blood or human fluids.

### DESCRIPTION

#### Tube

silicone, translucent, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.2600; USP class VI main requirements; European Pharmacopoeia ed. 8.1/2014 3.1.9; ISO 10993 - 5:2009, 11:2009; BfR XV; REGULATION 1935/2004/CE; DM 21/03/1973 and subsequent amendments; Japan Ministry of Health and Welfare Notice No.370,1959, No.201,2006 and revision 2012; 3A Sanitary Standards Number 18-03 Class II.

#### Reinforcement

high temperature resistant plies

#### Cover

smooth, silicone, translucent, glossy. Heat, ageing and ozone resistant

#### Marking

TUDERTECHNICA TUSIL® BRIGHT

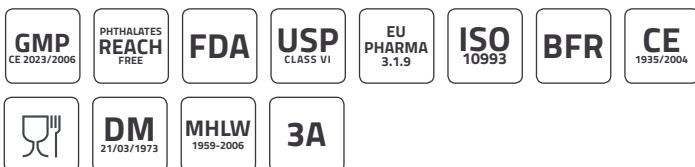
### TECHNICAL CHARACTERISTICS

**Temperature range :** -60°C / +200°C ( -76°F / +392°F )

The operating temperature of the hose is directly dependent upon the specific fluid been conveyed and the length of time the fluid is in contact with the hose.

**Norm :** ISO 1307 for dimensional tolerances

refer to guidelines for cleaning and sanitizing on Tudertechnica website



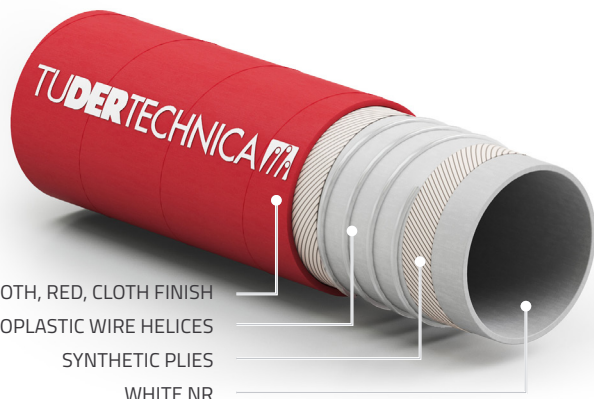
| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |      |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in] |
| 10              | 0,39 | 22               | 0,87 | -      | -     | 16               | 250   | 48             | 750   | 0,35         | 0,23     | -              | -    |
| 13              | 0,50 | 25               | 1,00 | -      | -     | 15               | 225   | 45             | 675   | 0,41         | 0,27     | -              | -    |
| 16              | 0,63 | 28               | 1,10 | -      | -     | 14               | 210   | 42             | 630   | 0,48         | 0,32     | -              | -    |
| 19              | 0,75 | 31               | 1,22 | -      | -     | 13               | 195   | 39             | 585   | 0,55         | 0,37     | -              | -    |
| 25              | 1,00 | 37               | 1,46 | -      | -     | 10               | 150   | 30             | 450   | 0,68         | 0,46     | -              | -    |
| 32              | 1,25 | 44               | 1,73 | -      | -     | 8                | 120   | 24             | 360   | 0,83         | 0,56     | -              | -    |
| 38              | 1,50 | 50               | 1,97 | -      | -     | 7                | 105   | 21             | 315   | 0,96         | 0,64     | -              | -    |
| 51              | 2,00 | 63               | 2,48 | -      | -     | 6                | 90    | 18             | 270   | 1,24         | 0,83     | -              | -    |
| 63,5            | 2,50 | 76,5             | 3,01 | -      | -     | 5                | 75    | 15             | 225   | 1,68         | 1,13     | -              | -    |
| 76              | 3,00 | 89               | 3,50 | -      | -     | 4                | 60    | 12             | 180   | 1,98         | 1,33     | -              | -    |
| 102             | 4,00 | 115              | 4,53 | -      | -     | 3                | 45    | 9              | 135   | 2,61         | 1,75     | -              | -    |

Data refer to ambient temperature (20°C); we recommend a reduction of 20% working pressure for every 100°C of temperature increase. Other diameters, wall thickness and pressure only on specific request. We reserve the right to supply in random lengths shorter than 40mt or 20mt.

REV-2021-08-05



## TUFOOD® NATURAL CRUSH RESISTANT



- SMOOTH, RED, CLOTH FINISH
- THERMOPLASTIC WIRE HELICES
- SYNTHETIC PLYS
- WHITE NR

Suction and delivery hose suitable for milk, milk by-products, wine and non-fatty food products. Crush resistant. Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

NR, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Tube tested according to the main norms for food contact materials. Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006.

#### Reinforcement

synthetic plies, thermoplastic wire helices

#### Cover

smooth, red, cloth finish. Abrasion, ageing and ozone resistant

#### Marking

TUDERTECHNICA TUFOOD® NATURAL CRUSH RESISTANT

### TECHNICAL CHARACTERISTICS

**Temperature range:** -40°C / +80°C ( -40°F / +176°F)  
**Norm:** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing on Tudertecnica website

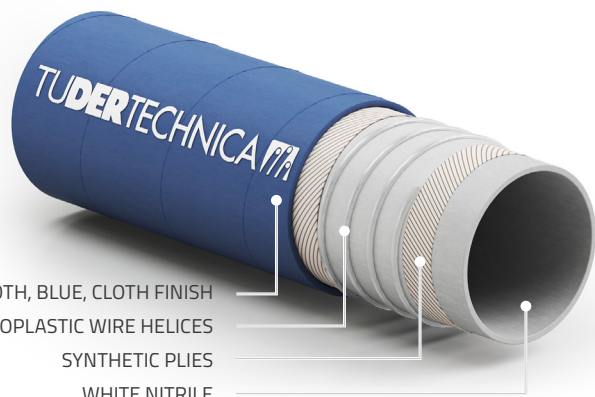


| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |       |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|-------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in]  |
| 38              | 1,50 | 54               | 2,13 | 0,7    | 10    | 10               | 150   | 30             | 450   | 1,46         | 0,98     | 170            | 6,69  |
| 51              | 2,00 | 67               | 2,64 | 0,7    | 10    | 10               | 150   | 30             | 450   | 1,85         | 1,24     | 240            | 9,44  |
| 63,5            | 2,50 | 81,5             | 3,21 | 0,7    | 10    | 10               | 150   | 30             | 450   | 2,50         | 1,68     | 310            | 12,20 |
| 76              | 3,00 | 94               | 3,70 | 0,7    | 10    | 10               | 150   | 30             | 450   | 2,92         | 1,96     | 380            | 14,96 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-04-12

## TUFOOD® FAT CRUSH RESISTANT



SMOOTH, BLUE, CLOTH FINISH  
THERMOPLASTIC WIRE HELICES  
SYNTHETIC PLYS  
WHITE NITRILE

### TECHNICAL CHARACTERISTICS

**Temperature range** : -25°C / +80°C ( -13°F / +176°F )  
**Norm** : ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing  
on Tudertecnica website

**GMP**  
CE 2023/2006

**PHthalates  
REACH  
FREE**

**FDA**

**BFR**

**DM**  
21/03/1973

**CE**  
1935/2004



**MHLW**  
1959-2006

**3A**

**ARRÊTÉ  
FRANÇAIS**  
05/08/2020

Suction and delivery hose suitable for fatty and non-fatty food products. Crush resistant. Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

NBR, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006; 3A Sanitary Standards Number 18-03 Class II; Arrêté du 5 août 2020.

#### Reinforcement

synthetic plies, thermoplastic wire helices

#### Cover

smooth, blue, cloth finish. Abrasion, ageing, ozone and oil resistant

#### Marking

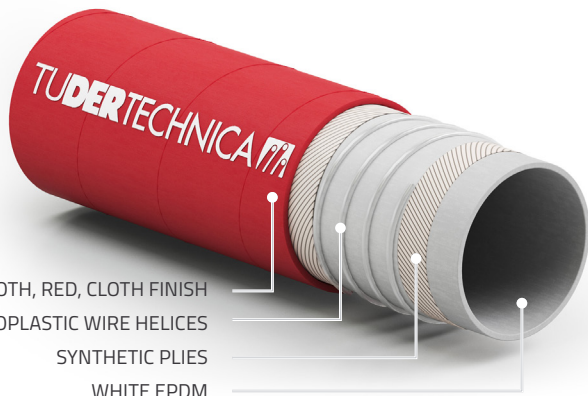
TUDERTECHNICA TUFOOD® FAT CRUSH RESISTANT

| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |       |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|-------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in]  |
| 38              | 1,50 | 54               | 2,13 | 0,7    | 10    | 10               | 150   | 30             | 450   | 1,58         | 1,06     | 170            | 6,69  |
| 51              | 2,00 | 67               | 2,64 | 0,7    | 10    | 10               | 150   | 30             | 450   | 2,00         | 1,34     | 240            | 9,44  |
| 63,5            | 2,50 | 81,5             | 3,21 | 0,7    | 10    | 10               | 150   | 30             | 450   | 2,70         | 1,81     | 310            | 12,20 |
| 76              | 3,00 | 94               | 3,70 | 0,7    | 10    | 10               | 150   | 30             | 450   | 3,15         | 2,11     | 380            | 14,96 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-09-02

## TUFOOD® EPDM CRUSH RESISTANT



SMOOTH, RED, CLOTH FINISH  
THERMOPLASTIC WIRE HELICES  
SYNTHETIC PLYES  
WHITE EPDM

Suction and delivery hose suitable for a wide range of food products. Not recommended for fatty food products and oil. Crush resistant. Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

EPDM, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Tube tested according to the main norms for food contact materials. Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006; 3A Sanitary Standards Number 18-03 Class II.

#### Reinforcement

synthetic plies, thermoplastic wire helices

#### Cover

smooth, red, cloth finish. Abrasion, ageing and ozone resistant

#### Marking

TUDERTECHNICA TUFOOD® EPDM CRUSH RESISTANT

### TECHNICAL CHARACTERISTICS

**Temperature range** : -40°C / +120°C ( -40°F / +248°F )  
**Norm** : ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing on Tudertecnica website

GMP  
CE 2023/2006

PHthalates  
REACH  
FREE

FDA

BFR

DM  
21/03/1973

CE  
1935/2004



MHLW  
1959-2006

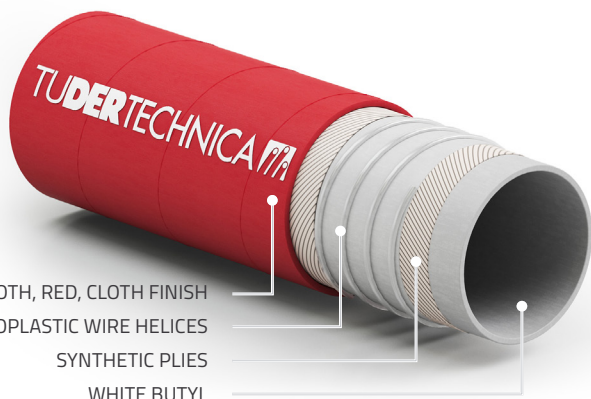
3A

| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |       |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|-------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in]  |
| 38              | 1,50 | 54               | 2,13 | 0,7    | 10    | 10               | 150   | 30             | 450   | 1,38         | 0,92     | 170            | 6,69  |
| 51              | 2,00 | 67               | 2,64 | 0,7    | 10    | 10               | 150   | 30             | 450   | 1,74         | 1,17     | 240            | 9,44  |
| 63,5            | 2,50 | 81,5             | 3,21 | 0,7    | 10    | 10               | 150   | 30             | 450   | 2,36         | 1,58     | 310            | 12,20 |
| 76              | 3,00 | 94               | 3,70 | 0,7    | 10    | 10               | 150   | 30             | 450   | 2,76         | 1,85     | 380            | 14,96 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-04-12

## TUPRESTIGE CRUSH RESISTANT



SMOOTH, RED, CLOTH FINISH  
THERMOPLASTIC WIRE HELICES  
SYNTHETIC PLYES  
WHITE BUTYL

### TECHNICAL CHARACTERISTICS

**Temperature range:** -40°C / +120°C ( -40°F / +248°F )  
**Norm:** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing  
on Tudertecnica website

**GMP**  
CE 2023/2006

**PHthalates  
REACH  
FREE**

**FDA**

**BFR**

**DM**  
21/03/1973

**CE**  
1935/2004



**MHLW**  
1959-2006

**3A**

**ARRÊTÉ  
FRANÇAIS**  
09/11/1994

Premium grade low permeation suction and delivery hose suitable for a wide range of products. Recommended for wine and spirits. Crush resistant. Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

BIIR, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006; 3A Sanitary Standards Number 18-03 Class II; Arrêté du 09 novembre 1994.

#### Reinforcement

synthetic plies, thermoplastic wire helices

#### Cover

smooth, red, cloth finish. Abrasion, ageing and ozone resistant

#### Marking

TUDERTECHNICA TUPRESTIGE CRUSH RESISTANT

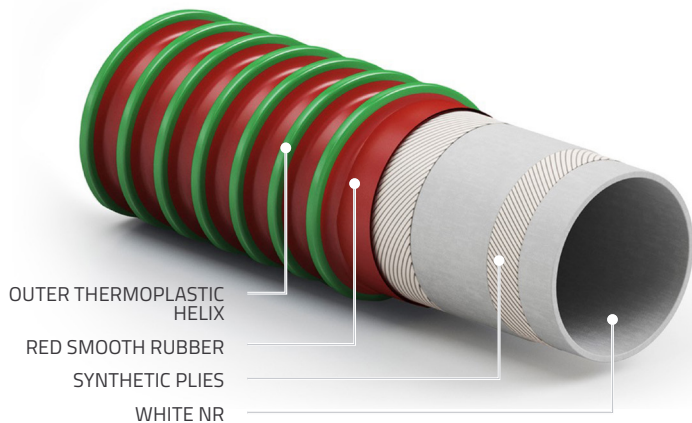
| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |       |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|-------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in]  |
| 38              | 1,50 | 54               | 2,13 | 0,7    | 10    | 10               | 150   | 30             | 450   | 1,45         | 0,97     | 170            | 6,69  |
| 51              | 2,00 | 67               | 2,64 | 0,7    | 10    | 10               | 150   | 30             | 450   | 1,84         | 1,23     | 240            | 9,44  |
| 63,5            | 2,50 | 81,5             | 3,21 | 0,7    | 10    | 10               | 150   | 30             | 450   | 2,48         | 1,66     | 310            | 12,20 |
| 76              | 3,00 | 94               | 3,70 | 0,7    | 10    | 10               | 150   | 30             | 450   | 2,90         | 1,94     | 380            | 14,96 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-04-12



**SPIRALTECH® NR L**



Light and flexible lorry collecting hose suitable for milk, milk by-products, wine and non-fatty food products. Manufactured according to GMP (Reg. (CE) 2023/2006).

**DESCRIPTION**

**Tube**

NR, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Tube tested according to the main norms for food contact materials. Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006.

**Reinforcement**

synthetic plies

**Cover**

corrugated, red smooth rubber, green outer thermoplastic helix. Abrasion, ageing, ozone and oil resistant

**TECHNICAL CHARACTERISTICS**

**Temperature range** : -25°C / +80°C ( -13°F / +176°F)  
**Norm** : ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing on Tudertecnica website

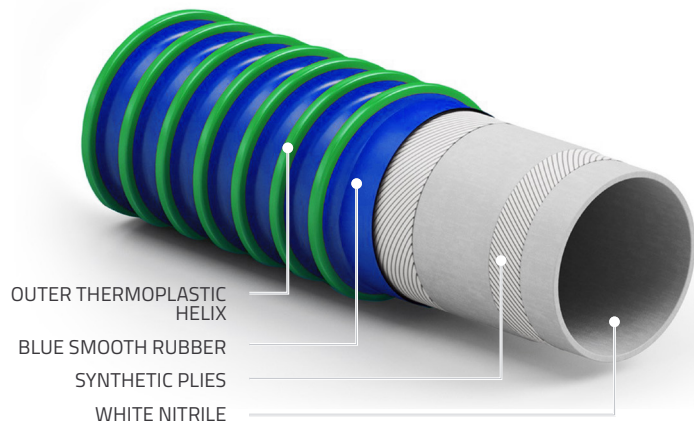


| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |      |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in] |
| 38              | 1,50 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,21         | 0,81     | 80             | 3,15 |
| 51              | 2,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,59         | 1,07     | 100            | 3,94 |
| 63,5            | 2,50 | -                | -    | 0,8    | 11,5  | 10               | 150   | 30             | 450   | 1,93         | 1,29     | 130            | 5,12 |
| 76              | 3,00 | -                | -    | 0,8    | 11,5  | 10               | 150   | 30             | 450   | 2,49         | 1,67     | 150            | 5,91 |
| 102             | 4,00 | -                | -    | 0,7    | 10    | 10               | 150   | 30             | 450   | 3,26         | 2,18     | 200            | 7,87 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-04-12

## SPIRALTECH® NITRILE L



Light and flexible lorry collecting hose suitable for fatty and not fatty food products. Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

NBR, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006; 3A Sanitary Standards Number 18-03 Class II; Arrêté du 5 août 2020.

#### Reinforcement

synthetic plies

#### Cover

corrugated, blue smooth rubber, green outer thermoplastic helix. Abrasion, ageing, ozone and oil resistant

### TECHNICAL CHARACTERISTICS

**Temperature range:** -25°C / +80°C ( -13°F / +176°F)  
**Norm:** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing on Tudertechnica website

**GMP**  
CE 2023/2006

**PHthalates REACH FREE**

**FDA**

**BFR**

**DM**  
21/03/1973

**CE**  
1935/2004



**MHLW**  
1959-2006

**3A**

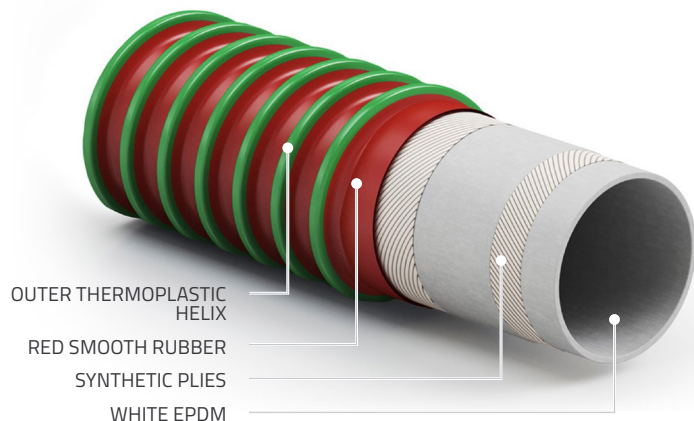
**ARRÊTÉ FRANÇAIS**  
05/08/2020

| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |      |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in] |
| 38              | 1,50 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,21         | 0,81     | 80             | 3,15 |
| 51              | 2,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,62         | 1,09     | 100            | 3,94 |
| 63,5            | 2,50 | -                | -    | 0,8    | 11,5  | 10               | 150   | 30             | 450   | 1,96         | 1,31     | 130            | 5,12 |
| 76              | 3,00 | -                | -    | 0,8    | 11,5  | 10               | 150   | 30             | 450   | 2,37         | 1,59     | 150            | 5,91 |
| 102             | 4,00 | -                | -    | 0,7    | 10    | 10               | 150   | 30             | 450   | 3,06         | 2,05     | 200            | 7,87 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-09-02

**SPIRALTECH® EPDM L**



Light and flexible lorry collecting hose suitable for a wide range of food products. Not recommended for fatty food products and oil. Manufactured according to GMP (Reg. (CE) 2023/2006).

**DESCRIPTION**

**Tube**

EPDM, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Tube tested according to the main norms for food contact materials. Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006; 3A Sanitary Standards Number 18-03 Class II.

**Reinforcement**

synthetic plies

**Cover**

corrugated, red smooth rubber, green outer thermoplastic helix. Abrasion, ageing, ozone and oil resistant

**TECHNICAL CHARACTERISTICS**

**Temperature range** : -25°C / +80°C ( -13°F / +176°F)  
**Norm** : ISO 1307 for dimensional tolerances



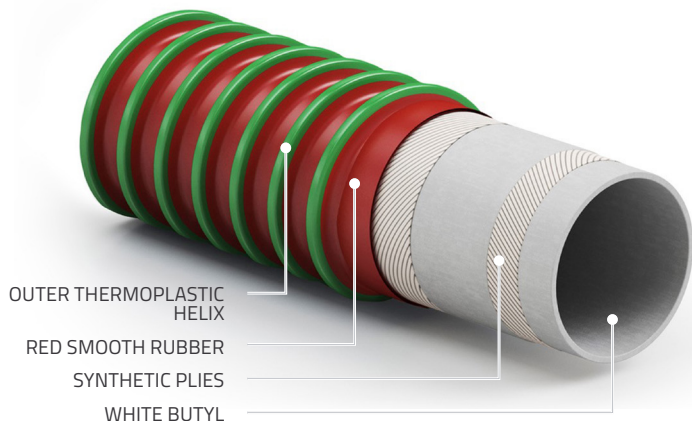
refer to guidelines for cleaning and sanitizing on Tudertechnica website



| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |      |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in] |
| 38              | 1,50 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,27         | 0,86     | 80             | 3,15 |
| 51              | 2,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,67         | 1,12     | 100            | 3,94 |
| 63,5            | 2,50 | -                | -    | 0,8    | 11,5  | 10               | 150   | 30             | 450   | 2,03         | 1,36     | 130            | 5,12 |
| 76              | 3,00 | -                | -    | 0,8    | 11,5  | 10               | 150   | 30             | 450   | 2,38         | 1,59     | 150            | 5,91 |
| 102             | 4,00 | -                | -    | 0,7    | 10    | 10               | 150   | 30             | 450   | 3,11         | 2,09     | 200            | 7,87 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

## SPIRALTECH® BUTYL L



OUTER THERMOPLASTIC  
HELIX  
RED SMOOTH RUBBER  
SYNTHETIC PLYS  
WHITE BUTYL

### TECHNICAL CHARACTERISTICS

**Temperature range:** -25°C / +80°C ( -13°F / +176°F)  
**Norm:** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing  
on Tudertecnica website



Premium grade low permeation light and flexible lorry collecting hose suitable for a wide range of food products. Recommended for wine and spirits. Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

BIIR, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006; 3A Sanitary Standards Number 18-03 Class II; Arrêté du 09 novembre 1994.

#### Reinforcement

synthetic plies

#### Cover

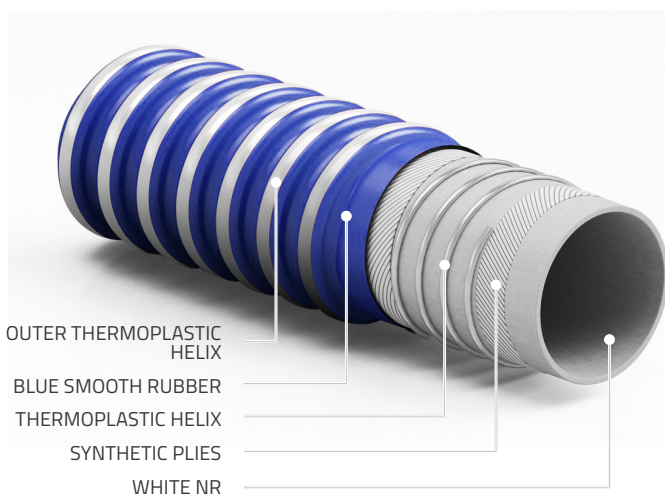
corrugated, red smooth rubber, green outer thermoplastic helix. Abrasion, ageing, ozone and oil resistant

| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |      |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in] |
| 38              | 1,50 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,23         | 0,82     | 80             | 3,15 |
| 51              | 2,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,62         | 1,09     | 100            | 3,94 |
| 63,5            | 2,50 | -                | -    | 0,8    | 11,5  | 10               | 150   | 30             | 450   | 1,97         | 1,32     | 130            | 5,12 |
| 76              | 3,00 | -                | -    | 0,8    | 11,5  | 10               | 150   | 30             | 450   | 2,57         | 1,72     | 150            | 5,91 |
| 102             | 4,00 | -                | -    | 0,7    | 10    | 10               | 150   | 30             | 450   | 3,37         | 2,26     | 200            | 7,87 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-04-12

## SPIRALTECH® NR EXTRA GLIDE



Low friction, light and very flexible lorry collecting hose suitable for milk, milk by-products, wine and non-fatty food products. Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

NR, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Tube tested according to the main norms for food contact materials. Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370, 1959 and No.201,2006.

#### Reinforcement

synthetic plies, thermoplastic wire helices

#### Cover

corrugated, white outer thermoplastic helix nested within the blue, smooth rubber cover. Abrasion, ageing, ozone and oil resistant

#### Marking

TUDERTECHNICA SPIRALTECH® NR EXTRA GLIDE

### TECHNICAL CHARACTERISTICS

**Temperature range :** -25°C / +80°C ( -13°F / +176°F)

The operating temperature of the hose is directly dependent upon the specific fluid been conveyed and the length of time the fluid is in contact with the hose.

**Norm :** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing on Tudertechnica website

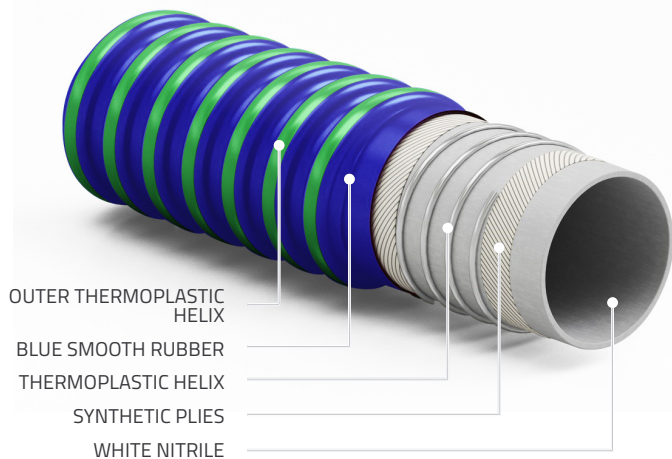


| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |      |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in] |
| 38              | 1,50 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,40         | 0,94     | 80             | 3,15 |
| 40              | 1,57 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,46         | 0,98     | 80             | 3,15 |
| 50              | 1,97 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,81         | 1,22     | 100            | 3,94 |
| 51              | 2,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,84         | 1,24     | 100            | 3,94 |
| 60              | 2,36 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,03         | 1,36     | 130            | 5,12 |
| 63,5            | 2,50 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,20         | 1,48     | 130            | 5,12 |
| 70              | 2,76 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,62         | 1,76     | 140            | 5,51 |
| 75              | 2,95 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,73         | 1,83     | 150            | 5,91 |
| 76              | 3,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,83         | 1,90     | 150            | 5,91 |
| 80              | 3,15 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,95         | 1,98     | 160            | 6,30 |
| 102             | 4,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 3,66         | 2,46     | 200            | 7,87 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-04-12

## SPIRALTECH® NITRILE EXTRA GLIDE



Low friction, light and very flexible lorry collecting hose suitable for fatty and not fatty food products. Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

NBR, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006; 3A Sanitary Standards Number 18-03 Class II; Arrêté du 5 août 2020.

#### Reinforcement

synthetic plies, thermoplastic wire helices

#### Cover

corrugated, green outer thermoplastic helix nested within the blue, smooth rubber cover. Abrasion, ageing, ozone and oil resistant

#### Marking

TUDERTECHNICA SPIRALTECH® NITRILE EXTRA GLIDE

### TECHNICAL CHARACTERISTICS

**Temperature range :** -25°C / +80°C ( -13°F / +176°F )

The operating temperature of the hose is directly dependent upon the specific fluid been conveyed and the length of time the fluid is in contact with the hose.

**Norm :** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing on Tudertechnica website



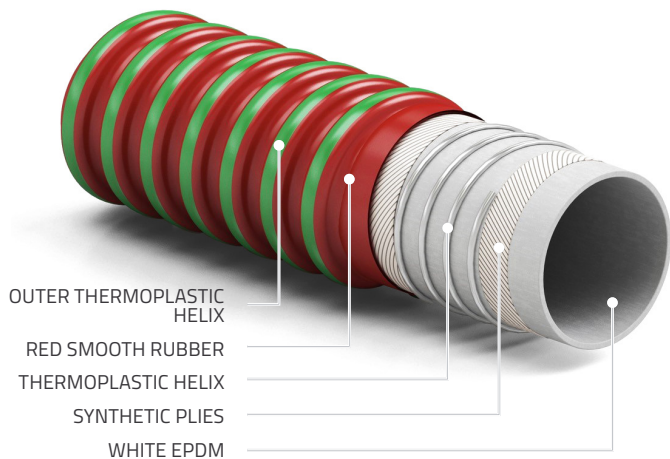
| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |      |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in] |
| 38              | 1,50 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,41         | 0,95     | 80             | 3,15 |
| 40              | 1,57 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,46         | 0,98     | 80             | 3,15 |
| 50              | 1,97 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,83         | 1,23     | 100            | 3,94 |
| 51              | 2,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,85         | 1,24     | 100            | 3,94 |
| 60              | 2,36 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,11         | 1,42     | 130            | 5,12 |
| 63,5            | 2,50 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,22         | 1,49     | 130            | 5,12 |
| 75              | 2,95 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,80         | 1,88     | 150            | 5,91 |
| 76              | 3,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,84         | 1,91     | 150            | 5,91 |
| 80              | 3,15 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,93         | 1,96     | 160            | 6,30 |
| 102             | 4,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 3,50         | 2,35     | 200            | 7,87 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-04-12



## SPIRALTECH® EPDM EXTRA GLIDE



Low friction, light and very flexible lorry collecting hose suitable for a wide range of food products. Not recommended for fatty food products and oil. Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

EPDM, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Tube tested according to the main norms for food contact materials. Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006; 3A Sanitary Standards Number 18-03 Class II.

#### Reinforcement

synthetic plies, thermoplastic wire helices

#### Cover

corrugated, green outer thermoplastic helix nested within the red, smooth rubber cover. Abrasion, ageing, ozone and oil resistant

#### Marking

TUDERTECHNICA SPIRALTECH® EPDM EXTRA GLIDE

### TECHNICAL CHARACTERISTICS

**Temperature range** : -25°C / +120°C ( -13°F / +248°F)

The operating temperature of the hose is directly dependent upon the specific fluid been conveyed and the length of time the fluid is in contact with the hose.

**Norm** : ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing on Tudertechnica website

GMP  
CE 2023/2006

PHthalates  
REACH  
FREE

FDA

BFR

DM  
21/03/1973

CE  
1935/2004



MHLW  
1959-2006

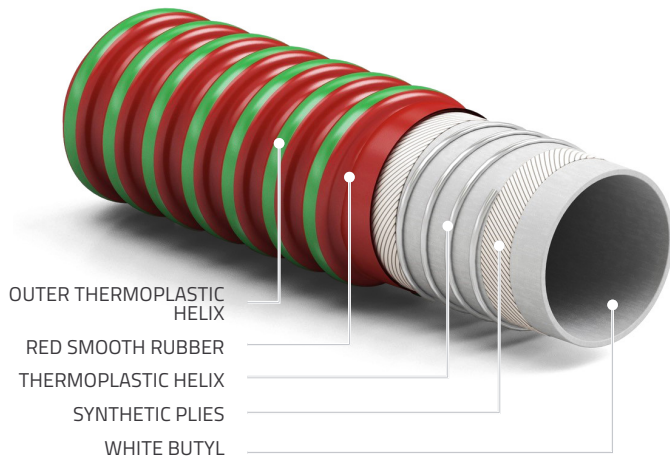
3A

| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |      |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in] |
| 38              | 1,50 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,27         | 0,85     | 80             | 3,15 |
| 40              | 1,57 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,29         | 0,87     | 80             | 3,15 |
| 50              | 1,97 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,65         | 1,11     | 100            | 3,94 |
| 51              | 2,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,67         | 1,12     | 100            | 3,94 |
| 60              | 2,36 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,00         | 1,34     | 130            | 5,12 |
| 63,5            | 2,50 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,03         | 1,36     | 130            | 5,12 |
| 75              | 2,95 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,36         | 1,59     | 150            | 5,91 |
| 76              | 3,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,38         | 1,60     | 150            | 5,91 |
| 80              | 3,15 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,46         | 1,65     | 160            | 6,30 |
| 102             | 4,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 3,11         | 2,09     | 200            | 7,87 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-04-12

## SPIRALTECH® BUTYL EXTRA GLIDE



Premium grade low permeation, light, low friction and very flexible lorry collecting hose suitable for a wide range of food products. Recommended for wine and spirits. Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

BIIR, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006; 3A Sanitary Standards Number 18-03 Class II; Arrêté du 09 novembre 1994.

#### Reinforcement

synthetic plies, thermoplastic wire helices

#### Cover

corrugated, green outer thermoplastic helix nested within the red, smooth rubber cover. Abrasion, ageing, ozone and oil resistant

#### Marking

TUDERTECHNICA SPIRALTECH® BUTYL EXTRA GLIDE

### TECHNICAL CHARACTERISTICS

**Temperature range :** -25°C / +120°C ( -13°F / +248°F)

The operating temperature of the hose is directly dependent upon the specific fluid been conveyed and the length of time the fluid is in contact with the hose.

**Norm :** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing on Tudertechnica website



| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |      |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in] |
| 38              | 1,50 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,40         | 0,94     | 80             | 3,15 |
| 40              | 1,57 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,46         | 0,98     | 80             | 3,15 |
| 50              | 1,97 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,81         | 1,22     | 100            | 3,94 |
| 51              | 2,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,84         | 1,24     | 100            | 3,94 |
| 60              | 2,36 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,03         | 1,36     | 130            | 5,12 |
| 63,5            | 2,50 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,20         | 1,48     | 130            | 5,12 |
| 70              | 2,76 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,62         | 1,76     | 140            | 5,51 |
| 75              | 2,95 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,73         | 1,83     | 150            | 5,91 |
| 76              | 3,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,83         | 1,90     | 150            | 5,91 |
| 80              | 3,15 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,95         | 1,98     | 160            | 6,30 |
| 102             | 4,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 3,66         | 2,46     | 200            | 7,87 |

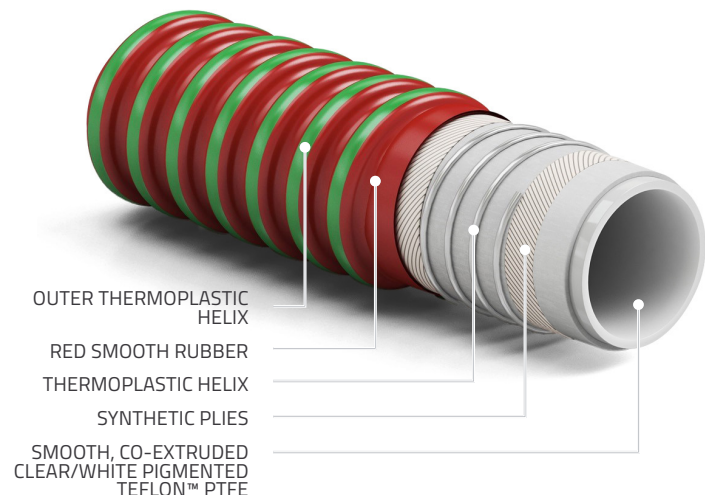
Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-04-12



# SPIRALTECH® PTFE EXTRA GLIDE

Teflon™ is a trademark of The Chemours Company FC, LLC used under license by Tubigomma Deregibus S.R.L.



- OUTER THERMOPLASTIC HELIX
- RED SMOOTH RUBBER
- THERMOPLASTIC HELIX
- SYNTHETIC PLIES
- SMOOTH, CO-EXTRUDED CLEAR/WHITE PIGMENTED TEFLON™ PTFE

Low friction, light and very flexible suction and delivery hose designed for the foodstuff, chemical, pharmaceutical and cosmetic industry, where a flexible connection is required. The hose is produced with high quality elastomers, with excellent chemical and mechanical properties. Suitable for chemicals and solvents, except for chlorine trifluoride, chlorine and fluorine gas, oxygen difluoride, phosgene and molten alkalis (for ex. sodium). Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006). Not intended for use as an implant material. Not suitable for blood or human fluids.

## DESCRIPTION

### Tube

TEFLON™ PTFE, co-extruded clear/white pigmented, smooth, phthalates free, tested in compliance with 1907/2006/CE (REACH). TEFLON™ PTFE is a polymer with excellent resistance to high temperature, mechanical stress and oxidation. It complies with FDA 21 CFR 177.1550; DM 21/03/1973 and subsequent amendments; USP class VI main requirements; ISO 10993 - 5:2009, 11:2006; REGULATION 1935/2004/CE; REGULATION 10/2011/CE; 3A Sanitary Standard 20-27.

### Reinforcement

synthetic plies, thermoplastic wire helices

### Cover

corrugated, green outer thermoplastic helix nested within the red, smooth rubber cover. Abrasion, ageing, ozone and oil resistant

### Marking

TUDERTECHNICA SPIRALTECH® PTFE EXTRA GLIDE

## TECHNICAL CHARACTERISTICS

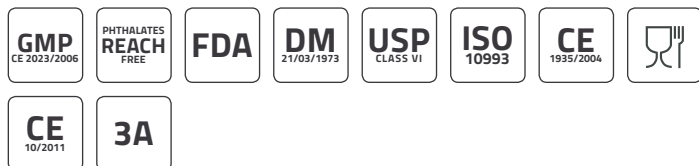
**Temperature range :** -25°C / +130°C ( -13°F / +266°F )

The operating temperature of the hose is directly dependent upon the specific fluid been conveyed and the length of time the fluid is in contact with the hose.

**Norm :** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing on Tudertecnica website



| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |      |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in] |
| 38              | 1,50 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,31         | 0,88     | 90             | 3,54 |
| 50              | 1,97 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,65         | 1,11     | 100            | 3,94 |
| 63,5            | 2,50 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,12         | 1,42     | 130            | 5,12 |
| 75              | 2,95 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,54         | 1,71     | 150            | 5,91 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request. We reserve the right to supply in random lengths shorter than 40mt or 20mt.

REV-2021-04-12

**GLIDETECH® NR**



WIDE CORRUGATED, RED,  
LOW FRICTION, GLOSSY COVER  
GALVANIZED WIRE HELICES  
SYNTHETIC PLYS  
WHITE NR

Extra flexible suction and delivery hose suitable for milk, milk by-products, wine and non-fatty food products. Manufactured according to GMP (Reg. (CE) 2023/2006).

**DESCRIPTION**

**Tube**

NR, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Tube tested according to the main norms for food contact materials. Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006.

**Reinforcement**

synthetic plies, galvanized wire helices

**Cover**

wide corrugated, red, low friction material, non-marking when dragged on the floor, easy to clean, glossy. Abrasion, ageing, ozone, oil and chemical resistant

**Marking**

TUDERTECHNICA GLIDETECH® NR

**TECHNICAL CHARACTERISTICS**

**Temperature range :** -40°C / +80°C ( -40°F / +176°F )  
**Norm :** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing on Tudertechnica website

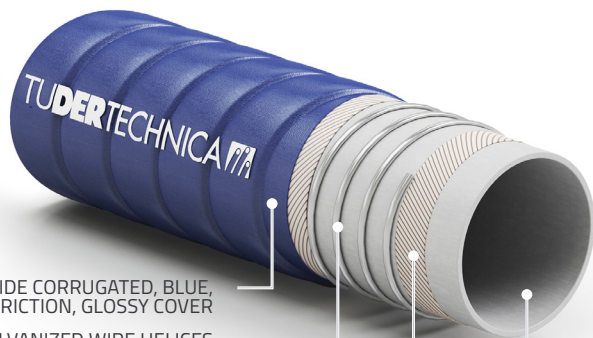


| Inside diameter |      | Theoretical outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |      |
|-----------------|------|------------------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|------|
| [mm]            | [in] | [mm]                         | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in] |
| 25              | 1,00 | 37                           | 1,46 | 0,9    | 13    | 10               | 150   | 30             | 450   | 0,82         | 0,55     | 70             | 2,76 |
| 38              | 1,50 | 51,5                         | 2,03 | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,23         | 0,82     | 80             | 3,15 |
| 51              | 2,00 | 66                           | 2,60 | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,90         | 1,27     | 100            | 3,94 |
| 63,5            | 2,50 | 78,5                         | 3,09 | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,30         | 1,54     | 130            | 5,12 |
| 76              | 3,00 | 92                           | 3,62 | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,90         | 1,94     | 150            | 5,91 |
| 102             | 4,00 | 118                          | 4,65 | 0,9    | 13    | 10               | 150   | 30             | 450   | 3,78         | 2,53     | 250            | 9,84 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-04-12

## GLIDETECH® NITRILE



WIDE CORRUGATED, BLUE,  
LOW FRICTION, GLOSSY COVER  
GALVANIZED WIRE HELICES  
SYNTHETIC PLYS  
WHITE NITRILE

Extra flexible suction and delivery hose suitable for fatty and non-fatty food products. Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

NBR, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006; 3A Sanitary Standards Number 18-03 Class II; Arrêté du 5 août 2020.

#### Reinforcement

synthetic plies, galvanized wire helices

#### Cover

wide corrugated, blue, low friction material, non-marking when dragged on the floor, easy to clean, glossy. Abrasion, ageing, ozone, oil and chemical resistant

#### Marking

TUDERTECHNICA GLIDETECH® NITRILE

### TECHNICAL CHARACTERISTICS

**Temperature range** : -25°C / +80°C ( -13°F / +176°F )  
**Norm** : ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing  
on Tudertechnica website

GMP  
CE 2023/2006

PHthalates  
REACH  
FREE

FDA

BFR

DM  
21/03/1973

CE  
1935/2004



MHLW  
1959-2006

3A

ARRÊTÉ  
FRANÇAIS  
05/08/2020

| Inside diameter |      | Theoretical outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |      |
|-----------------|------|------------------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|------|
| [mm]            | [in] | [mm]                         | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in] |
| 25              | 1,00 | 37                           | 1,46 | 0,9    | 13    | 10               | 150   | 30             | 450   | 0,81         | 0,54     | 70             | 2,76 |
| 38              | 1,50 | 51,5                         | 2,03 | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,23         | 0,82     | 80             | 3,15 |
| 51              | 2,00 | 66                           | 2,60 | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,90         | 1,27     | 100            | 3,94 |
| 63,5            | 2,50 | 78,5                         | 3,09 | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,31         | 1,55     | 130            | 5,12 |
| 76              | 3,00 | 92                           | 3,62 | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,91         | 1,95     | 150            | 5,91 |
| 102             | 4,00 | 118                          | 4,65 | 0,9    | 13    | 10               | 150   | 30             | 450   | 3,80         | 2,55     | 250            | 9,84 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-04-12

**GLIDETECH® EPDM**



WIDE CORRUGATED, GREEN,  
LOW FRICTION, GLOSSY COVER  
GALVANIZED WIRE HELICES  
SYNTHETIC PLYS  
WHITE EPDM

Extra flexible suction and delivery hose suitable for a wide range of food products. Not recommended for fatty food products and oil. Manufactured according to GMP (Reg. (CE) 2023/2006).

**DESCRIPTION**

**Tube**

EPDM, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Tube tested according to the main norms for food contact materials. Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006; 3A Sanitary Standards Number 18-03 Class II.

**Reinforcement**

synthetic plies, galvanized wire helices

**Cover**

wide corrugated, green, low friction material, non-marking when dragged on the floor, easy to clean, glossy. Abrasion, ageing, ozone, oil and chemical resistant

**Marking**

TUDERTECHNICA GLIDETECH® EPDM

**TECHNICAL CHARACTERISTICS**

**Temperature range** : -40°C / +120°C ( -40°F / +248°F )  
**Norm** : ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing on Tudertechnica website

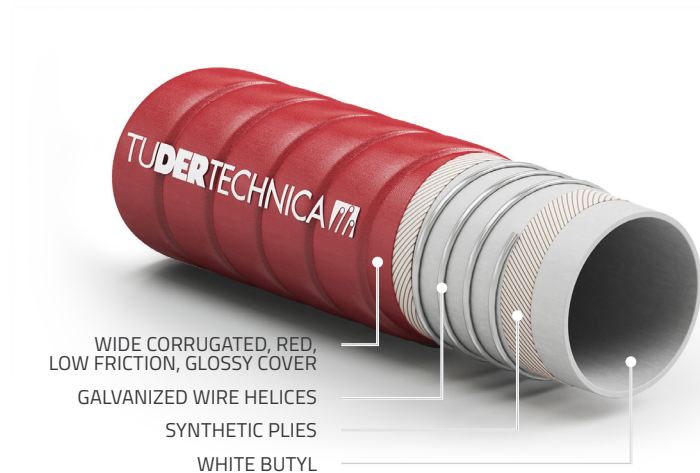


| Inside diameter |      | Theoretical outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |      |
|-----------------|------|------------------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|------|
| [mm]            | [in] | [mm]                         | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in] |
| 25              | 1,00 | 37                           | 1,46 | 0,9    | 13    | 10               | 150   | 30             | 450   | 0,79         | 0,53     | 70             | 2,76 |
| 38              | 1,50 | 51,5                         | 2,03 | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,19         | 0,80     | 80             | 3,15 |
| 51              | 2,00 | 66                           | 2,60 | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,85         | 1,24     | 100            | 3,94 |
| 63,5            | 2,50 | 78,5                         | 3,09 | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,24         | 1,50     | 130            | 5,12 |
| 76              | 3,00 | 92                           | 3,62 | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,83         | 1,90     | 150            | 5,91 |
| 102             | 4,00 | 118                          | 4,65 | 0,9    | 13    | 10               | 150   | 30             | 450   | 3,72         | 2,49     | 250            | 9,84 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request



**GLIDETECH® BUTYL**



WIDE CORRUGATED, RED,  
LOW FRICTION, GLOSSY COVER  
GALVANIZED WIRE HELICES  
SYNTHETIC PLYS  
WHITE BUTYL

Premium grade low permeation extra flexible suction and delivery hose suitable for wine and spirits. Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006).

**DESCRIPTION**

**Tube**

BlIR, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006; 3A Sanitary Standards Number 18-03 Class II; Arrêté du 09 novembre 1994.

**Reinforcement**

synthetic plies, galvanized wire helices

**Cover**

wide corrugated, red, low friction material, non-marking when dragged on the floor, easy to clean, glossy. Abrasion, ageing, ozone, oil and chemical resistant

**Marking**

TUDERTECHNICA GLIDETECH® BUTYL

**TECHNICAL CHARACTERISTICS**

**Temperature range :** -40°C / +120°C ( -40°F / +248°F )  
**Norm :** ISO 1307 for dimensional tolerances



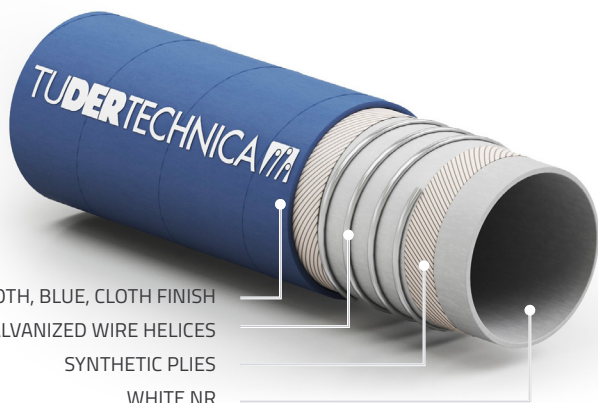
refer to guidelines for cleaning and sanitizing on Tudertechnica website



| Inside diameter |      | Theoretical outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |      |
|-----------------|------|------------------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|------|
| [mm]            | [in] | [mm]                         | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in] |
| 25              | 1,00 | 37                           | 1,46 | 0,9    | 13    | 10               | 150   | 30             | 450   | 0,82         | 0,55     | 70             | 2,76 |
| 38              | 1,50 | 51,5                         | 2,03 | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,23         | 0,82     | 80             | 3,15 |
| 51              | 2,00 | 66                           | 2,60 | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,90         | 1,27     | 100            | 3,94 |
| 63,5            | 2,50 | 78,5                         | 3,09 | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,30         | 1,54     | 130            | 5,12 |
| 76              | 3,00 | 92                           | 3,62 | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,90         | 1,94     | 150            | 5,91 |
| 102             | 4,00 | 118                          | 4,65 | 0,9    | 13    | 10               | 150   | 30             | 450   | 3,78         | 2,53     | 250            | 9,84 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

## MILKFLEX®



- SMOOTH, BLUE, CLOTH FINISH
- GALVANIZED WIRE HELICES
- SYNTHETIC PLYS
- WHITE NR

### TECHNICAL CHARACTERISTICS

**Temperature range:** -40°C / +80°C ( -40°F / +176°F )  
**Norm:** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing on Tudertechnica website



Light and flexible lorry collecting hose suitable for milk and milk by-products. Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

NR, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Tube tested according to the main norms for food contact materials. Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006.

#### Reinforcement

synthetic plies, galvanized wire helices

#### Cover

smooth, blue, cloth finish. Abrasion, ageing and ozone resistant

#### Marking

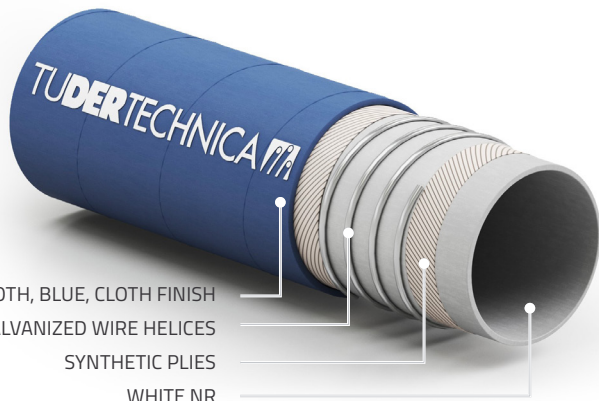
TUDERTECHNICA MILKFLEX®

| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |       |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|-------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in]  |
| 25              | 1,00 | 36               | 1,42 | 0,9    | 13    | 6                | 90    | 18             | 270   | 0,72         | 0,48     | 75             | 2,95  |
| 32              | 1,25 | 43               | 1,69 | 0,9    | 13    | 6                | 90    | 18             | 270   | 0,88         | 0,59     | 95             | 3,74  |
| 38              | 1,50 | 50               | 1,97 | 0,9    | 13    | 6                | 90    | 18             | 270   | 1,20         | 0,80     | 115            | 4,53  |
| 51              | 2,00 | 63               | 2,48 | 0,9    | 13    | 6                | 90    | 18             | 270   | 1,54         | 1,03     | 150            | 5,91  |
| 63,5            | 2,50 | 75,5             | 2,97 | 0,9    | 13    | 6                | 90    | 18             | 270   | 1,98         | 1,33     | 190            | 7,48  |
| 76              | 3,00 | 90               | 3,54 | 0,9    | 13    | 6                | 90    | 18             | 270   | 2,76         | 1,85     | 230            | 9,06  |
| 102             | 4,00 | 116              | 4,57 | 0,9    | 13    | 6                | 90    | 18             | 270   | 3,78         | 2,53     | 300            | 11,81 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-04-12

## MILKFLEX® EXTRA LIGHT



- SMOOTH, BLUE, CLOTH FINISH
- GALVANIZED WIRE HELICES
- SYNTHETIC PLYS
- WHITE NR

Very light and flexible lorry collecting hose suitable for milk and milk by-products. Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

NR, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Tube tested according to the main norms for food contact materials. Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006.

#### Reinforcement

synthetic plies, galvanized wire helices

#### Cover

smooth, blue, cloth finish. Abrasion, ageing and ozone resistant

#### Marking

TUDERTECHNICA MILKFLEX® EXTRA LIGHT

### TECHNICAL CHARACTERISTICS

**Temperature range:** -40°C / +80°C ( -40°F / +176°F )  
**Norm:** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing on Tudertechnica website

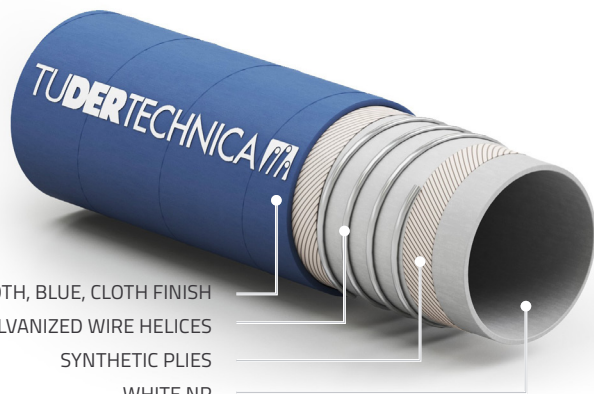


| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |       |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|-------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in]  |
| 38              | 1,50 | 49               | 1,93 | 0,9    | 13    | 6                | 90    | 18             | 270   | 1,07         | 0,72     | 115            | 4,53  |
| 51              | 2,00 | 62               | 2,44 | 0,9    | 13    | 6                | 90    | 18             | 270   | 1,37         | 0,92     | 150            | 5,91  |
| 63,5            | 2,50 | 74,5             | 2,93 | 0,9    | 13    | 6                | 90    | 18             | 270   | 1,74         | 1,17     | 190            | 7,48  |
| 76              | 3,00 | 88               | 3,46 | 0,9    | 13    | 6                | 90    | 18             | 270   | 2,44         | 1,63     | 230            | 9,06  |
| 102             | 4,00 | 116              | 4,57 | 0,9    | 13    | 6                | 90    | 18             | 270   | 3,43         | 2,30     | 300            | 11,81 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-04-12

## MILKFLEX® PLUS



SMOOTH, BLUE, CLOTH FINISH  
GALVANIZED WIRE HELICES  
SYNTHETIC PLYS  
WHITE NR

Light and flexible lorry collecting hose suitable for milk and milk by-products with an improved resistance to higher pressure. Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

NR, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Tube tested according to the main norms for food contact materials. Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006.

#### Reinforcement

synthetic plies, galvanized wire helices

#### Cover

smooth, blue, cloth finish. Abrasion, ageing and ozone resistant

#### Marking

TUDERTECHNICA MILKFLEX® PLUS

### TECHNICAL CHARACTERISTICS

**Temperature range:** -40°C / +80°C ( -40°F / +176°F )  
**Norm:** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing on Tudertechnica website

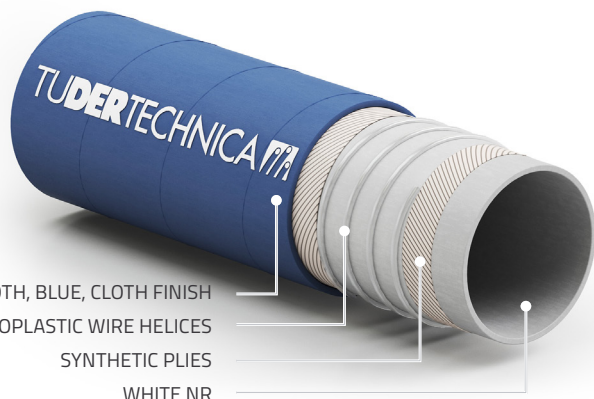


| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |       |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|-------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in]  |
| 25              | 1,00 | 37               | 1,46 | 0,9    | 13    | 10               | 150   | 30             | 450   | 0,81         | 0,54     | 75             | 2,95  |
| 32              | 1,25 | 44               | 1,73 | 0,9    | 13    | 10               | 150   | 30             | 450   | 0,99         | 0,66     | 95             | 3,74  |
| 38              | 1,50 | 50               | 1,97 | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,27         | 0,85     | 115            | 4,53  |
| 51              | 2,00 | 63               | 2,48 | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,64         | 1,10     | 150            | 5,91  |
| 63,5            | 2,50 | 75,5             | 2,97 | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,07         | 1,39     | 190            | 7,48  |
| 76              | 3,00 | 90               | 3,54 | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,76         | 1,85     | 230            | 9,06  |
| 102             | 4,00 | 117              | 4,61 | 0,9    | 13    | 9                | 135   | 27             | 405   | 4,07         | 2,73     | 300            | 11,81 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-04-12

## MILKFLEX® CRUSH RESISTANT



- SMOOTH, BLUE, CLOTH FINISH
- THERMOPLASTIC WIRE HELICES
- SYNTHETIC PLYS
- WHITE NR

### TECHNICAL CHARACTERISTICS

**Temperature range:** -40°C / +80°C ( -40°F / +176°F )  
**Norm:** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing  
on Tudertecnica website



Light and flexible lorry collecting hose suitable for milk and milk by-products. Crush resistant. Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

NR, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Tube tested according to the main norms for food contact materials. Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006.

#### Reinforcement

synthetic plies, thermoplastic wire helices

#### Cover

smooth, blue, cloth finish. Abrasion, ageing and ozone resistant

#### Marking

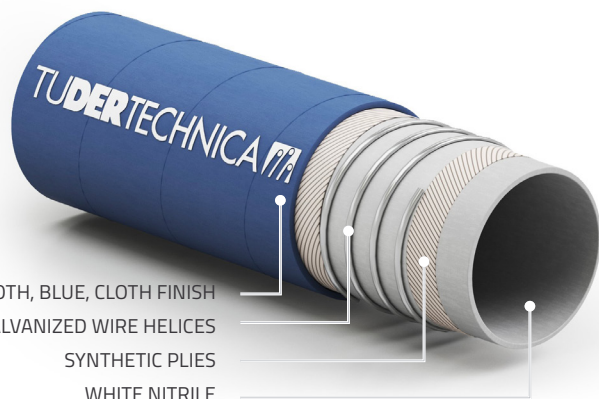
TUDERTECHNICA MILKFLEX® CRUSH RESISTANT

| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |       |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|-------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in]  |
| 38              | 1,50 | 52               | 2,05 | 0,7    | 10    | 6                | 90    | 18             | 270   | 1,15         | 0,77     | 130            | 5,12  |
| 51              | 2,00 | 65               | 2,56 | 0,7    | 10    | 6                | 90    | 18             | 270   | 1,45         | 0,97     | 185            | 7,28  |
| 63,5            | 2,50 | 77,5             | 3,05 | 0,7    | 10    | 6                | 90    | 18             | 270   | 1,80         | 1,21     | 240            | 9,45  |
| 76              | 3,00 | 92               | 3,62 | 0,7    | 10    | 6                | 90    | 18             | 270   | 2,40         | 1,61     | 300            | 11,81 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-04-12

**MILKFLEX® FAT**



- SMOOTH, BLUE, CLOTH FINISH
- GALVANIZED WIRE HELICES
- SYNTHETIC PLYS
- WHITE NITRILE

Light and flexible lorry collecting hose suitable for fatty and not fatty food products. Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006).

**DESCRIPTION**

**Tube**

NBR, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006; 3A Sanitary Standards Number 18-03 Class II; Arrêté du 5 août 2020.

**Reinforcement**

synthetic plies, galvanized wire helices

**Cover**

smooth, blue, cloth finish. Abrasion, ageing, ozone and oil resistant

**Marking**

TUDERTECHNICA MILKFLEX® FAT

**TECHNICAL CHARACTERISTICS**

**Temperature range:** -25°C / +80°C ( -13°F / +176°F)  
**Norm:** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing on Tudertechnica website

GMP  
CE 2023/2006

PHTHALATES  
REACH  
FREE

FDA

BFR

DM  
21/03/1973

CE  
1935/2004

MHLW  
1959-2006

3A

ARRÊTÉ  
FRANÇAIS  
05/08/2020

| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |       |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|-------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in]  |
| 25              | 1,00 | 36               | 1,42 | 0,9    | 13    | 6                | 90    | 18             | 270   | 0,86         | 0,58     | 75             | 2,95  |
| 32              | 1,25 | 43               | 1,69 | 0,9    | 13    | 6                | 90    | 18             | 270   | 1,06         | 0,71     | 95             | 3,74  |
| 38              | 1,50 | 50               | 1,97 | 0,9    | 13    | 6                | 90    | 18             | 270   | 1,32         | 0,88     | 115            | 4,53  |
| 51              | 2,00 | 63               | 2,48 | 0,9    | 13    | 6                | 90    | 18             | 270   | 1,71         | 1,15     | 150            | 5,91  |
| 63,5            | 2,50 | 75,5             | 2,97 | 0,9    | 13    | 6                | 90    | 18             | 270   | 2,16         | 1,45     | 190            | 7,48  |
| 76              | 3,00 | 90               | 3,54 | 0,9    | 13    | 6                | 90    | 18             | 270   | 3,14         | 2,10     | 230            | 9,06  |
| 102             | 4,00 | 116              | 4,57 | 0,9    | 13    | 6                | 90    | 18             | 270   | 4,21         | 2,82     | 300            | 11,81 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request



## GLIDETECH® DAIRY



- WIDE CORRUGATED, BLUE, LOW FRICTION, GLOSSY COVER
- GALVANIZED WIRE HELICES
- SYNTHETIC PLYS
- WHITE NR

Extra flexible suction and delivery hose suitable for milk and milk by-products. Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

NR, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Tube tested according to the main norms for food contact materials. Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006.

#### Reinforcement

synthetic plies, galvanized wire helices

#### Cover

wide corrugated, blue, low friction material, non-marking when dragged on the floor, easy to clean, glossy. Abrasion, ageing, ozone, oil and chemical resistant

#### Marking

TUDERTECHNICA GLIDETECH® DAIRY

### TECHNICAL CHARACTERISTICS

**Temperature range:** -40°C / +80°C ( -40°F / +176°F )  
**Norm:** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing on Tudertechnica website

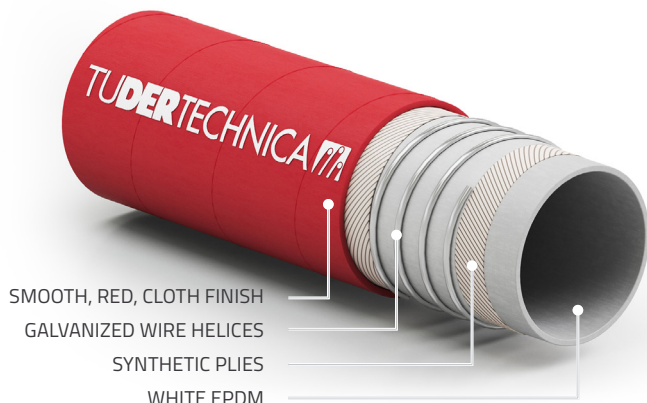


| Inside diameter |      | Theoretical outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |      |
|-----------------|------|------------------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|------|
| [mm]            | [in] | [mm]                         | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in] |
| 25              | 1,00 | 37                           | 1,46 | 0,9    | 13    | 10               | 150   | 30             | 450   | 0,82         | 0,55     | 70             | 2,76 |
| 38              | 1,50 | 51,5                         | 2,03 | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,23         | 0,82     | 80             | 3,15 |
| 51              | 2,00 | 66                           | 2,60 | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,90         | 1,27     | 100            | 3,94 |
| 63,5            | 2,50 | 78,5                         | 3,09 | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,30         | 1,54     | 130            | 5,12 |
| 76              | 3,00 | 92                           | 3,62 | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,90         | 1,94     | 150            | 5,91 |
| 102             | 4,00 | 118                          | 4,65 | 0,9    | 13    | 10               | 150   | 30             | 450   | 3,78         | 2,53     | 250            | 9,84 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-04-12

## BREWERY EPDM



- SMOOTH, RED, CLOTH FINISH
- GALVANIZED WIRE HELICES
- SYNTHETIC PLIES
- WHITE EPDM

Suction and delivery hose suitable for beer and a wide range of non-fatty food products with an improved resistance to higher pressure. Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

EPDM, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Tube tested according to the main norms for food contact materials. Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006; 3A Sanitary Standards Number 18-03 Class II.

#### Reinforcement

synthetic plies, galvanized wire helices

#### Cover

smooth, red, cloth finish. Abrasion, ageing and ozone resistant

#### Marking

TUDERTECHNICA BREWERY EPDM

### TECHNICAL CHARACTERISTICS

**Temperature range:** -40°C / +120°C (-40°F / +248°F)  
**Norm:** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing on Tudertecnica website

GMP  
CE 2023/2006

PHthalates  
REACH  
FREE

FDA

BFR

DM  
21/03/1973

CE  
1935/2004



MHLW  
1959-2006

3A

| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |       |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|-------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in]  |
| 38              | 1,50 | 53               | 2,09 | 0,9    | 13    | 16               | 250   | 48             | 750   | 1,48         | 0,99     | 155            | 6,10  |
| 50              | 1,97 | 66               | 2,60 | 0,9    | 13    | 16               | 250   | 48             | 750   | 2,05         | 1,37     | 215            | 8,46  |
| 51              | 2,00 | 66               | 2,60 | 0,9    | 13    | 16               | 250   | 48             | 750   | 1,92         | 1,29     | 215            | 8,46  |
| 63,5            | 2,50 | 81               | 3,19 | 0,9    | 13    | 16               | 250   | 48             | 750   | 2,98         | 2,00     | 275            | 10,83 |
| 65              | 2,56 | 81               | 3,19 | 0,9    | 13    | 16               | 250   | 48             | 750   | 2,84         | 1,90     | 275            | 10,83 |
| 75              | 2,95 | 94               | 3,70 | 0,9    | 13    | 16               | 250   | 48             | 750   | 4,06         | 2,72     | 330            | 12,99 |
| 76              | 3,00 | 94               | 3,70 | 0,9    | 13    | 16               | 250   | 48             | 750   | 3,87         | 2,59     | 330            | 12,99 |
| 100             | 3,94 | 120              | 4,72 | 0,9    | 13    | 16               | 250   | 48             | 750   | 5,38         | 3,60     | 450            | 17,72 |
| 102             | 4,00 | 120              | 4,72 | 0,9    | 13    | 16               | 250   | 48             | 750   | 5,19         | 3,48     | 450            | 17,72 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-04-12

## BREWERY EPDM D



SMOOTH, RED, CLOTH FINISH  
SYNTHETIC PLYES  
WHITE EPDM

Delivery hose suitable for beer and a wide range of non-fatty food products with an improved resistance to higher pressure. Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

EPDM, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Tube tested according to the main norms for food contact materials. Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006; 3A Sanitary Standards Number 18-03 Class II.

#### Reinforcement

synthetic plies

#### Cover

smooth, red, cloth finish. Abrasion, ageing and ozone resistant

#### Marking

TUDERTECHNICA BREWERY EPDM

### TECHNICAL CHARACTERISTICS

**Temperature range:** -40°C / +120°C (-40°F / +248°F)  
**Norm:** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing  
on Tudertecnica website

GMP  
CE 2023/2006

PHthalates  
REACH  
FREE

FDA

BFR

DM  
21/03/1973

CE  
1935/2004



MHLW  
1959-2006

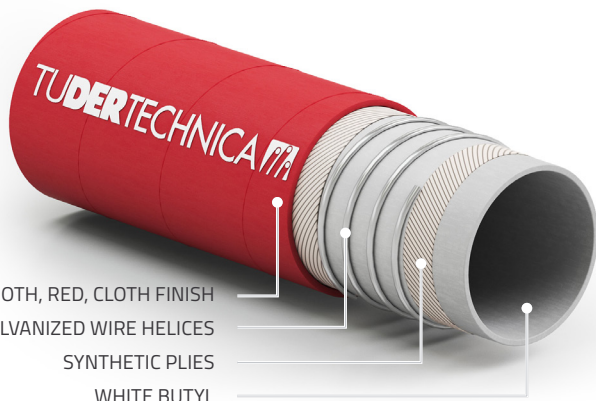
3A

| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |       |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|-------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in]  |
| 25              | 1,00 | 37               | 1,46 | 0,6    | 8,5   | 16               | 250   | 48             | 750   | 0,75         | 0,50     | 150            | 5,91  |
| 32              | 1,25 | 48               | 1,89 | 0,5    | 7,25  | 16               | 250   | 48             | 750   | 1,24         | 0,83     | 210            | 8,27  |
| 38              | 1,50 | 56               | 2,20 | 0,5    | 7,25  | 16               | 250   | 48             | 750   | 1,79         | 1,20     | 260            | 10,24 |
| 50              | 1,97 | 70               | 2,76 | 0,4    | 6     | 16               | 250   | 48             | 750   | 2,48         | 1,66     | 350            | 13,78 |
| 51              | 2,00 | 70               | 2,76 | 0,4    | 6     | 16               | 250   | 48             | 750   | 2,35         | 1,57     | 350            | 13,78 |
| 63,5            | 2,50 | 89               | 3,50 | 0,4    | 6     | 16               | 250   | 48             | 750   | 3,88         | 2,60     | 470            | 18,50 |
| 65              | 2,56 | 89               | 3,50 | 0,4    | 6     | 16               | 250   | 48             | 750   | 3,75         | 2,51     | 470            | 18,50 |
| 75              | 2,95 | 99               | 3,90 | 0,3    | 4,5   | 16               | 250   | 48             | 750   | 4,29         | 2,87     | 580            | 22,83 |
| 76              | 3,00 | 99               | 3,90 | 0,3    | 4,5   | 16               | 250   | 48             | 750   | 4,10         | 2,75     | 580            | 22,83 |
| 100             | 3,94 | 130              | 5,12 | 0,2    | 3     | 16               | 250   | 48             | 750   | 7,06         | 4,73     | 800            | 31,50 |
| 102             | 4,00 | 130              | 5,12 | 0,2    | 3     | 16               | 250   | 48             | 750   | 6,57         | 4,40     | 800            | 31,50 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-04-12

## BREWERY BUTYL



- SMOOTH, RED, CLOTH FINISH
- GALVANIZED WIRE HELICES
- SYNTHETIC PLIES
- WHITE BUTYL

Premium grade low permeation suction and delivery hose suitable for beer and a wide range of non-fatty food products with an improved resistance to higher pressure. Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

BIIR, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006; 3A Sanitary Standards Number 18-03 Class II; Arrêté du 09 novembre 1994.

#### Reinforcement

synthetic plies, galvanized wire helices

#### Cover

smooth, red, cloth finish. Abrasion, ageing and ozone resistant

#### Marking

TUDERTECHNICA BREWERY BUTYL

### TECHNICAL CHARACTERISTICS

**Temperature range:** -40°C / +120°C (-40°F / +248°F)  
**Norm:** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing on Tudertechnica website

GMP  
CE 2023/2006

PHthalates  
REACH  
FREE

FDA

BFR

DM  
21/03/1973

CE  
1935/2004



MHLW  
1959-2006

3A

ARRÊTÉ  
FRANÇAIS  
09/11/1994

| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |       |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|-------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in]  |
| 38              | 1,50 | 53               | 2,09 | 0,9    | 13    | 16               | 250   | 48             | 750   | 1,51         | 1,01     | 155            | 6,10  |
| 50              | 1,97 | 66               | 2,60 | 0,9    | 13    | 16               | 250   | 48             | 750   | 2,09         | 1,40     | 215            | 8,46  |
| 51              | 2,00 | 66               | 2,60 | 0,9    | 13    | 16               | 250   | 48             | 750   | 1,96         | 1,31     | 215            | 8,46  |
| 63,5            | 2,50 | 81               | 3,19 | 0,9    | 13    | 16               | 250   | 48             | 750   | 3,02         | 2,02     | 275            | 10,83 |
| 65              | 2,56 | 81               | 3,19 | 0,9    | 13    | 16               | 250   | 48             | 750   | 2,88         | 1,93     | 275            | 10,83 |
| 75              | 2,95 | 94               | 3,70 | 0,9    | 13    | 16               | 250   | 48             | 750   | 4,11         | 2,75     | 330            | 12,99 |
| 76              | 3,00 | 94               | 3,70 | 0,9    | 13    | 16               | 250   | 48             | 750   | 3,92         | 2,63     | 330            | 12,99 |
| 100             | 3,94 | 120              | 4,72 | 0,9    | 13    | 16               | 250   | 48             | 750   | 5,45         | 3,65     | 450            | 17,72 |
| 102             | 4,00 | 120              | 4,72 | 0,9    | 13    | 16               | 250   | 48             | 750   | 5,26         | 3,52     | 450            | 17,72 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-04-12

## BREWERY BUTYL D



SMOOTH, RED, CLOTH FINISH  
SYNTHETIC PLYES  
WHITE BUTYL

### TECHNICAL CHARACTERISTICS

**Temperature range:** -40°C / +120°C (-40°F / +248°F)  
**Norm:** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing  
on Tudertecnica website



Premium grade low permeation delivery hose suitable for beer and a wide range of non-fatty food products with an improved resistance to higher pressure. Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

BlIR, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006; 3A Sanitary Standards Number 18-03 Class II; Arrêté du 09 novembre 1994.

#### Reinforcement

synthetic plies

#### Cover

smooth, red, cloth finish. Abrasion, ageing and ozone resistant

#### Marking

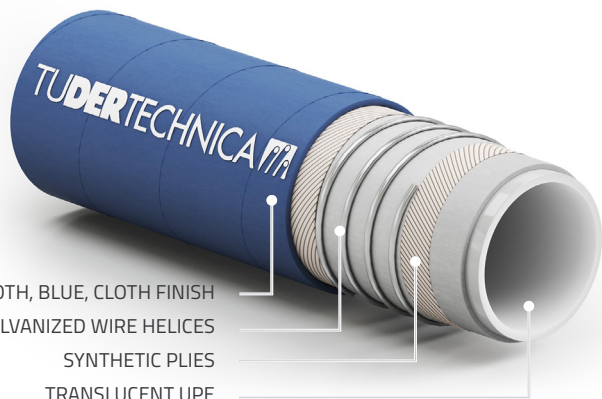
TUDERTECHNICA BREWERY BUTYL

| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |       |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|-------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in]  |
| 25              | 1,00 | 37               | 1,46 | 0,6    | 8,5   | 16               | 250   | 48             | 750   | 0,76         | 0,51     | 150            | 5,91  |
| 32              | 1,25 | 48               | 1,89 | 0,5    | 7,25  | 16               | 250   | 48             | 750   | 1,27         | 0,85     | 210            | 8,27  |
| 38              | 1,50 | 56               | 2,20 | 0,5    | 7,25  | 16               | 250   | 48             | 750   | 1,83         | 1,23     | 260            | 10,24 |
| 50              | 1,97 | 70               | 2,76 | 0,4    | 6     | 16               | 250   | 48             | 750   | 2,53         | 1,70     | 350            | 13,78 |
| 51              | 2,00 | 70               | 2,76 | 0,4    | 6     | 16               | 250   | 48             | 750   | 2,41         | 1,61     | 350            | 13,78 |
| 63,5            | 2,50 | 89               | 3,50 | 0,4    | 6     | 16               | 250   | 48             | 750   | 3,95         | 2,65     | 470            | 18,50 |
| 65              | 2,56 | 89               | 3,50 | 0,4    | 6     | 16               | 250   | 48             | 750   | 3,82         | 2,56     | 470            | 18,50 |
| 75              | 2,95 | 99               | 3,90 | 0,3    | 4,5   | 16               | 250   | 48             | 750   | 4,37         | 2,93     | 580            | 22,83 |
| 76              | 3,00 | 99               | 3,90 | 0,3    | 4,5   | 16               | 250   | 48             | 750   | 4,18         | 2,80     | 580            | 22,83 |
| 100             | 3,94 | 130              | 5,12 | 0,2    | 3     | 16               | 250   | 48             | 750   | 7,17         | 4,80     | 800            | 31,50 |
| 102             | 4,00 | 130              | 5,12 | 0,2    | 3     | 16               | 250   | 48             | 750   | 6,68         | 4,48     | 800            | 31,50 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-04-12

 **BREWERY UPE**



- SMOOTH, BLUE, CLOTH FINISH
- GALVANIZED WIRE HELICES
- SYNTHETIC PLYS
- TRANSLUCENT UPE

Suction and delivery hose suitable for beer, alcohol concentration up to 99% and a wide range of food products with an improved resistance to higher pressure. Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006).

**DESCRIPTION**

**Tube**

UPE, translucent, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.1520; BfR III; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; REGULATION 10/2011/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006.

**Reinforcement**

synthetic plies, galvanized wire helices

**Cover**

smooth, blue, cloth finish. Abrasion, ageing and ozone resistant

**Marking**

TUDETECHNICA BREWERY UPE

**TECHNICAL CHARACTERISTICS**

**Temperature range :** -35°C / +100°C ( -31°F / +212°F )  
**Norm :** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing on Tudertecnica website

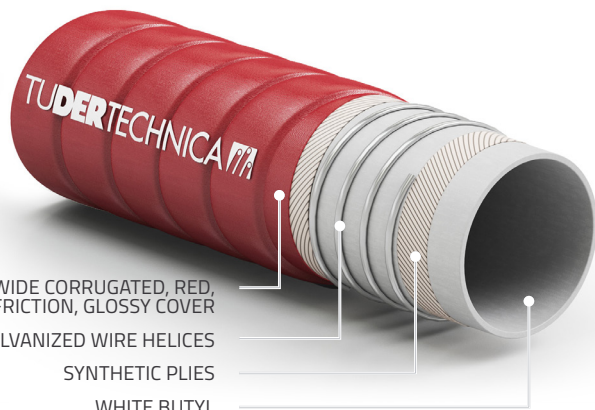


| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |       |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|-------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in]  |
| 38              | 1,50 | 51               | 2,00 | 0,9    | 13    | 16               | 250   | 48             | 750   | 1,34         | 0,90     | 240            | 9,45  |
| 50              | 1,97 | 64               | 2,52 | 0,9    | 13    | 16               | 250   | 48             | 750   | 1,84         | 1,23     | 330            | 12,99 |
| 51              | 2,00 | 64               | 2,52 | 0,9    | 13    | 16               | 250   | 48             | 750   | 1,72         | 1,15     | 330            | 12,99 |
| 63,5            | 2,50 | 81               | 3,19 | 0,9    | 13    | 16               | 250   | 48             | 750   | 3,06         | 2,05     | 415            | 16,34 |
| 65              | 2,56 | 81               | 3,19 | 0,9    | 13    | 16               | 250   | 48             | 750   | 2,92         | 1,96     | 415            | 16,34 |
| 75              | 2,95 | 93               | 3,66 | 0,9    | 13    | 16               | 250   | 48             | 750   | 3,70         | 2,48     | 500            | 19,69 |
| 76              | 3,00 | 93               | 3,66 | 0,9    | 13    | 16               | 250   | 48             | 750   | 3,50         | 2,35     | 500            | 19,69 |
| 100             | 3,94 | 119              | 4,69 | 0,9    | 13    | 16               | 250   | 48             | 750   | 5,12         | 3,43     | 675            | 26,57 |
| 102             | 4,00 | 119              | 4,69 | 0,9    | 13    | 16               | 250   | 48             | 750   | 4,78         | 3,20     | 675            | 26,57 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request. Also available as CRUSH RESISTANT with thermoplastic helix.



## GLIDETECH® BREWERY HD



WIDE CORRUGATED, RED,  
LOW FRICTION, GLOSSY COVER  
GALVANIZED WIRE HELICES  
SYNTHETIC PLYS  
WHITE BUTYL

### TECHNICAL CHARACTERISTICS

**Temperature range:** -40°C / +120°C (-40°F / +248°F)  
**Norm:** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing  
on Tudertecnica website



Premium grade low permeation extra flexible suction and delivery hose suitable for beer and a wide range of non-fatty food products with an improved resistance to higher pressure. Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

BlIR, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006; 3A Sanitary Standards Number 18-03 Class II; Arrêté du 09 novembre 1994.

#### Reinforcement

synthetic plies, galvanized wire helices

#### Cover

wide corrugated, red, low friction material, non-marking when dragged on the floor, easy to clean, glossy. Abrasion, ozone, ageing, oil and chemical resistant

#### Marking

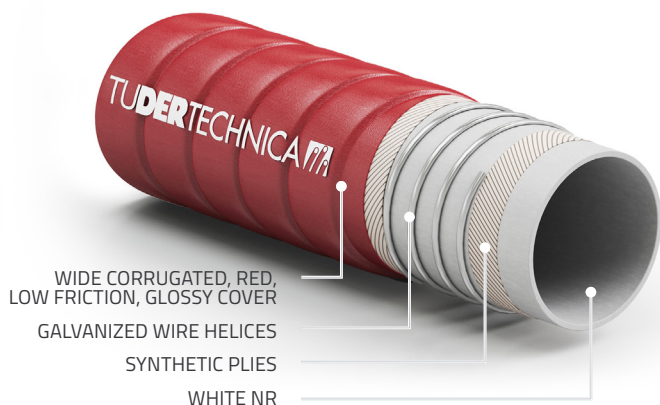
TUDERTECHNICA GLIDETECH® BREWERY HD

| Inside diameter |      | Theoretical outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |       |
|-----------------|------|------------------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|-------|
| [mm]            | [in] | [mm]                         | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in]  |
| 25              | 1,00 | 38                           | 1,50 | 0,9    | 13    | 16               | 250   | 60             | 900   | 0,91         | 0,61     | 105            | 4,13  |
| 38              | 1,50 | 52,5                         | 2,07 | 0,9    | 13    | 16               | 250   | 60             | 900   | 1,38         | 0,92     | 120            | 4,72  |
| 51              | 2,00 | 67                           | 2,64 | 0,9    | 13    | 16               | 250   | 60             | 900   | 2,21         | 1,48     | 150            | 5,91  |
| 63,5            | 2,50 | 80,5                         | 3,17 | 0,9    | 13    | 16               | 250   | 60             | 900   | 2,79         | 1,87     | 195            | 7,68  |
| 76              | 3,00 | 94                           | 3,70 | 0,9    | 13    | 16               | 250   | 60             | 900   | 3,51         | 2,35     | 225            | 8,86  |
| 102             | 4,00 | 120                          | 4,72 | 0,9    | 13    | 16               | 250   | 60             | 900   | 4,57         | 3,06     | 375            | 14,76 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-04-12

## GLIDETECH® VINEYARD HD



WIDE CORRUGATED, RED,  
LOW FRICTION, GLOSSY COVER  
GALVANIZED WIRE HELICES  
SYNTHETIC PLYS  
WHITE NR

Extra flexible suction and delivery hose suitable for wine and vinification by-products with an improved resistance to higher pressure. Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

NR, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Tube tested according to the main norms for food contact materials. Meets FDA 21 CFR 177.2600; BfR XXI cat. 2; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006.

#### Reinforcement

synthetic plies, galvanized wire helices

#### Cover

wide corrugated, red, low friction material, non-marking when dragged on the floor, easy to clean, glossy. Abrasion, ageing, ozone, oil and chemical resistant

#### Marking

TUDERTECHNICA GLIDETECH® VINEYARD HD

### TECHNICAL CHARACTERISTICS

**Temperature range** : -40°C / +80°C ( -40°F / +176°F )  
**Norm** : ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing  
on Tudertechnica website



| Inside diameter |      | Theoretical outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |       |
|-----------------|------|------------------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|-------|
| [mm]            | [in] | [mm]                         | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in]  |
| 25              | 1,00 | 38                           | 1,50 | 0,9    | 13    | 16               | 250   | 60             | 900   | 0,91         | 0,61     | 105            | 4,13  |
| 38              | 1,50 | 52,5                         | 2,07 | 0,9    | 13    | 16               | 250   | 60             | 900   | 1,41         | 0,94     | 120            | 4,72  |
| 51              | 2,00 | 67                           | 2,64 | 0,9    | 13    | 16               | 250   | 60             | 900   | 2,24         | 1,50     | 150            | 5,91  |
| 63,5            | 2,50 | 80,5                         | 3,17 | 0,9    | 13    | 16               | 250   | 60             | 900   | 2,82         | 1,89     | 195            | 7,68  |
| 76              | 3,00 | 94                           | 3,70 | 0,9    | 13    | 16               | 250   | 60             | 900   | 3,55         | 2,38     | 225            | 8,86  |
| 102             | 4,00 | 120                          | 4,72 | 0,9    | 13    | 16               | 250   | 60             | 900   | 4,44         | 2,97     | 375            | 14,76 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-04-12

## GLIDETECH® DISTILLERY



WIDE CORRUGATED, GREEN,  
LOW FRICTION, GLOSSY COVER

GALVANIZED WIRE HELICES

SYNTHETIC PLIES

TRANSLUCENT UPE

### TECHNICAL CHARACTERISTICS

**Temperature range** : -35°C / +100°C (-31°F / +212°F)

**Norm** : ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing  
on Tudertecnica website



Extra flexible suction and delivery hose suitable for distilled and distillation by-products with alcohol concentration up to 99%. Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

UPE, translucent, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.1520; BfR III; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; REGULATION 10/2011/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006.

#### Reinforcement

synthetic plies, galvanized wire helices

#### Cover

wide corrugated, green, low friction material, non-marking when dragged on the floor, easy to clean, glossy. Abrasion, ageing, ozone, oil and chemical resistant

#### Marking

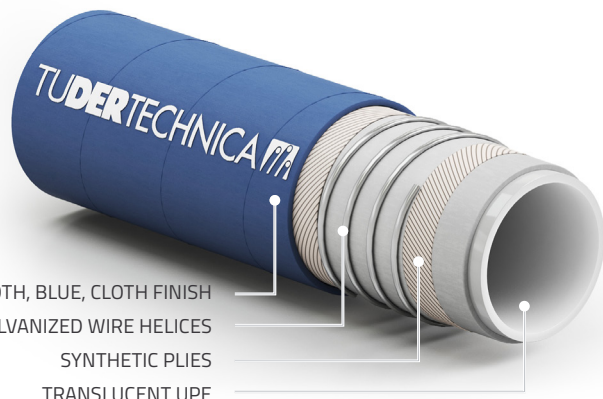
TUDERTECHNICA GLIDETECH® DISTILLERY

| Inside diameter |      | Theoretical outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |       |
|-----------------|------|------------------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|-------|
| [mm]            | [in] | [mm]                         | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in]  |
| 25              | 1,00 | 37                           | 1,46 | 0,9    | 13    | 10               | 150   | 30             | 450   | 0,80         | 0,54     | 100            | 3,94  |
| 38              | 1,50 | 50                           | 1,97 | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,14         | 0,76     | 150            | 5,91  |
| 51              | 2,00 | 65                           | 2,56 | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,81         | 1,21     | 200            | 7,87  |
| 63,5            | 2,50 | 77,5                         | 3,05 | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,19         | 1,47     | 260            | 10,24 |
| 76              | 3,00 | 91                           | 3,58 | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,81         | 1,88     | 350            | 13,78 |
| 102             | 4,00 | 117                          | 4,61 | 0,9    | 13    | 10               | 150   | 30             | 450   | 3,67         | 2,46     | 500            | 19,69 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

REV-2021-04-12

## TUALCOMASTER



SMOOTH, BLUE, CLOTH FINISH  
GALVANIZED WIRE HELICES  
SYNTHETIC PLIES  
TRANSLUCENT UPE

Light and flexible suction and delivery hose suitable for alcohol concentration up to 99%. Can be used for fatty and non-fatty food products. Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

UPE, translucent, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.1520; BfR III; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; REGULATION 10/2011/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006.

#### Reinforcement

synthetic plies, galvanized wire helices

#### Cover

smooth, blue, cloth finish. Abrasion, ageing and ozone resistant

#### Marking

TUDERTECHNICA TUALCOMASTER

### TECHNICAL CHARACTERISTICS

**Temperature range:** -35°C / +100°C (-31°F / +212°F)  
**Norm:** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing on Tudertechnica website

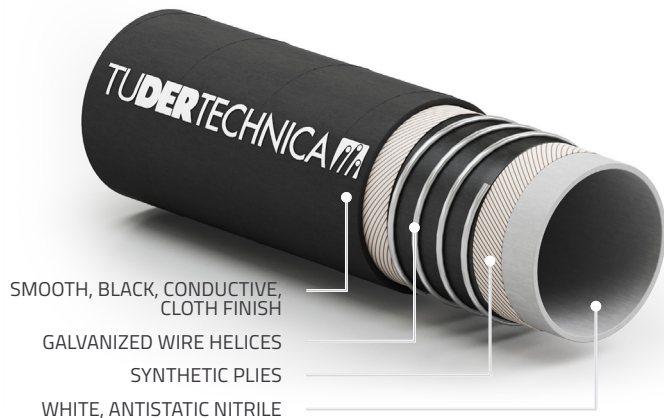


| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |       |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|-------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in]  |
| 19              | 0,75 | 29               | 1,14 | 0,9    | 13    | 6                | 90    | 18             | 270   | 0,61         | 0,41     | 60             | 2,36  |
| 25              | 1,00 | 35               | 1,38 | 0,9    | 13    | 6                | 90    | 18             | 270   | 0,76         | 0,51     | 85             | 3,35  |
| 32              | 1,25 | 43               | 1,69 | 0,9    | 13    | 6                | 90    | 18             | 270   | 0,98         | 0,66     | 115            | 4,53  |
| 38              | 1,50 | 49               | 1,93 | 0,9    | 13    | 6                | 90    | 18             | 270   | 1,14         | 0,76     | 150            | 5,91  |
| 51              | 2,00 | 62               | 2,44 | 0,9    | 13    | 6                | 90    | 18             | 270   | 1,52         | 1,02     | 210            | 8,27  |
| 63,5            | 2,50 | 76,5             | 3,01 | 0,9    | 13    | 6                | 90    | 18             | 270   | 2,29         | 1,53     | 265            | 10,43 |
| 76              | 3,00 | 89               | 3,50 | 0,9    | 13    | 6                | 90    | 18             | 270   | 2,85         | 1,91     | 320            | 12,60 |
| 102             | 4,00 | 115              | 4,53 | 0,9    | 13    | 6                | 90    | 18             | 270   | 3,74         | 2,51     | 430            | 16,93 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request.

REV-2021-04-12

## DRYFOOD ANTISTATIC



Suction and delivery hose suitable for powdery and granular dry food products. Tested and certified hose by BUREAU VERITAS for use in Atex area (Ex-Zone). Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

NBR, white, antistatic ( $R < 10^9 \Omega/m$ ), phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.2600; BFR XXI cat. 4; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE.

#### Reinforcement

synthetic plies, galvanized wire helices, on request a/s wires to discharge static electricity

#### Cover

smooth, black, conductive, cloth finish. Abrasion, ageing and ozone resistant

#### Marking

TUDERTECHNICA DRYFOOD ANTISTATIC

### TECHNICAL CHARACTERISTICS

**Temperature range :** -25°C / +80°C ( -13°F / +176°F )  
**Norm :** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing on Tudertechnica website



| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |       |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|-------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in]  |
| 51              | 2,00 | 66               | 2,60 | 0,9    | 13    | 6                | 90    | 18             | 270   | 1,93         | 1,29     | 300            | 11,81 |
| 76              | 3,00 | 92               | 3,62 | 0,9    | 13    | 6                | 90    | 18             | 270   | 3,25         | 2,18     | 450            | 17,72 |
| 102             | 4,00 | 118              | 4,65 | 0,9    | 13    | 6                | 90    | 18             | 270   | 4,47         | 2,99     | 600            | 23,62 |
| 127             | 5,00 | 145              | 5,71 | 0,9    | 13    | 6                | 90    | 18             | 270   | 5,80         | 3,89     | 750            | 29,53 |
| 152             | 6,00 | 171              | 6,73 | 0,9    | 13    | 6                | 90    | 18             | 270   | 7,59         | 5,09     | 950            | 37,40 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request.

REV-2021-06-04

## DRYFOOD ANTISTATIC D



SMOOTH, BLACK, CONDUCTIVE,  
CLOTH FINISH  
SYNTHETIC PLYS  
WHITE, ANTISTATIC NITRILE

Delivery hose suitable for powdery and granular dry food products. Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

NBR, white, antistatic ( $R < 10^9 \Omega/m$ ), phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.2600; BFR XXI cat. 4; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE.

#### Reinforcement

synthetic plies, on request a/s wires to discharge static electricity

#### Cover

smooth, black, conductive, cloth finish. Abrasion, ageing and ozone resistant

#### Marking

TUDERTECHNICA DRYFOOD ANTISTATIC

### TECHNICAL CHARACTERISTICS

**Temperature range:** -25°C / +80°C ( -13°F / +176°F )  
**Norm:** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing  
on Tudertechnica website



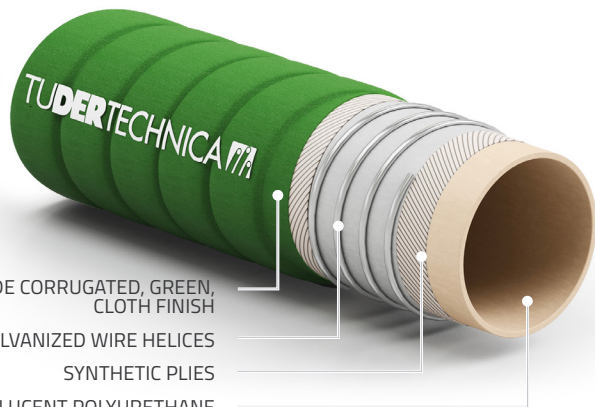
| Inside diameter |      | Outside diameter |      | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |      |
|-----------------|------|------------------|------|------------------|-------|----------------|-------|--------------|----------|----------------|------|
| [mm]            | [in] | [mm]             | [in] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in] |
| 51              | 2,00 | 66               | 2,60 | 6                | 90    | 18             | 270   | 1,82         | 1,22     | -              | -    |
| 76              | 3,00 | 94               | 3,70 | 6                | 90    | 18             | 270   | 3,22         | 2,16     | -              | -    |
| 102             | 4,00 | 124              | 4,88 | 6                | 90    | 18             | 270   | 5,06         | 3,39     | -              | -    |
| 127             | 5,00 | 151              | 5,94 | 6                | 90    | 18             | 270   | 7,13         | 4,78     | -              | -    |
| 152             | 6,00 | 176              | 6,93 | 6                | 90    | 18             | 270   | 8,43         | 5,65     | -              | -    |

Data refer to ambient temperature (20°C). Other diameters, wall thickness and pressure only on specific request

REV-2021-06-04



## TUSILO PU FORM



WIDE CORRUGATED, GREEN, CLOTH FINISH  
GALVANIZED WIRE HELICES  
SYNTHETIC PLIES  
TRANSLUCENT POLYURETHANE

Suction and delivery hose suitable for powdery and granular dry food products. Manufactured according to GMP (Reg. (CE) 2023/2006).

### DESCRIPTION

#### Tube

polyurethane, translucent, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.2600

#### Reinforcement

synthetic plies, galvanized wire helices, a/s wires to discharge static electricity

#### Cover

wide corrugated, green, cloth finish. Abrasion, ageing and ozone resistant

#### Marking

TUDERTECHNICA TUSILO PU FORM

### TECHNICAL CHARACTERISTICS

**Temperature range:** -30°C / +100°C (-22°F / +212°F)  
**Norm:** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing on Tudertechnica website \*



| Inside diameter |      | Theoretical outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |       |
|-----------------|------|------------------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|-------|
| [mm]            | [in] | [mm]                         | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in]  |
| 25              | 1,00 | 39                           | 1,54 | 0,9    | 13    | 5                | 75    | 15             | 225   | 0,83         | 0,56     | 75             | 2,95  |
| 38              | 1,50 | 52                           | 2,05 | 0,9    | 13    | 5                | 75    | 15             | 225   | 1,36         | 0,91     | 130            | 5,12  |
| 51              | 2,00 | 67                           | 2,64 | 0,9    | 13    | 5                | 75    | 15             | 225   | 2,07         | 1,39     | 185            | 7,28  |
| 63,5            | 2,50 | 79,5                         | 3,13 | 0,9    | 13    | 5                | 75    | 15             | 225   | 2,51         | 1,68     | 240            | 9,45  |
| 76              | 3,00 | 94                           | 3,70 | 0,9    | 13    | 5                | 75    | 15             | 225   | 3,22         | 2,16     | 300            | 11,81 |
| 102             | 4,00 | 120                          | 4,72 | 0,9    | 13    | 5                | 75    | 15             | 225   | 4,49         | 3,01     | 410            | 16,14 |

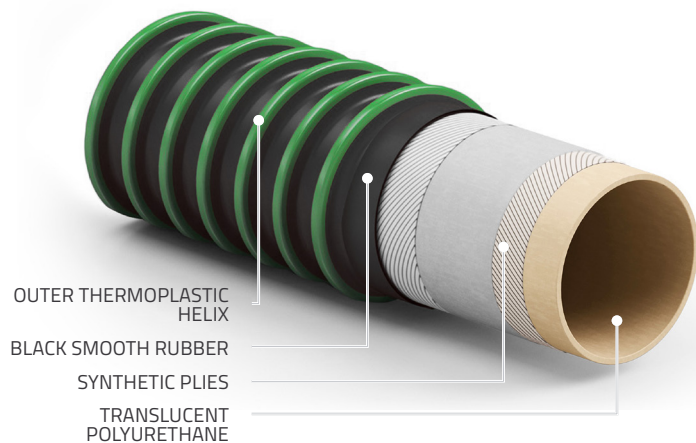
Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request.  
\* the service life of the hose is directly dependent on frequency and time of sterilization.

REV-2021-04-12

**SPIRALTECH® PU L**



**SPIRALTECH® PU L**



OUTER THERMOPLASTIC  
HELIX  
BLACK SMOOTH RUBBER  
SYNTHETIC PLYS  
TRANSLUCENT  
POLYURETHANE

Light and flexible lorry collecting hose suitable for powdery and granular dry food products. Manufactured according to GMP (Reg. (CE) 2023/2006).

**DESCRIPTION**

**Tube**

polyurethane, translucent, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.2600

**Reinforcement**

synthetic plies, a/s wires to discharge static electricity

**Cover**

corrugated, black smooth rubber, green outer thermoplastic helix. Abrasion, ageing, ozone and oil resistant

**TECHNICAL CHARACTERISTICS**

**Temperature range :** -25°C / +80°C ( -13°F / +176°F )  
**Norm :** ISO 1307 for dimensional tolerances



refer to guidelines for cleaning and sanitizing on Tudertechnica website \*

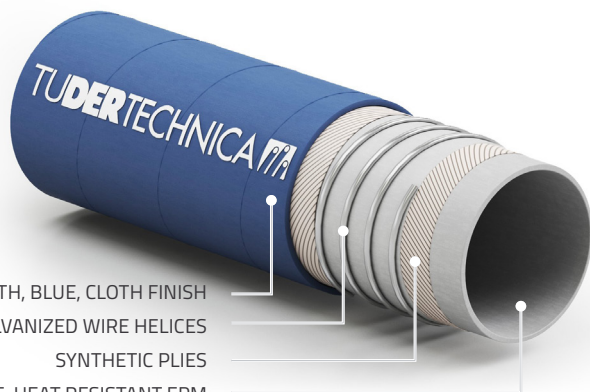


| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |      |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in] |
| 38              | 1,50 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,39         | 0,93     | 90             | 3,54 |
| 51              | 2,00 | -                | -    | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,81         | 1,21     | 125            | 4,92 |
| 63,5            | 2,50 | -                | -    | 0,8    | 11,5  | 10               | 150   | 30             | 450   | 2,20         | 1,47     | 160            | 6,30 |
| 76              | 3,00 | -                | -    | 0,8    | 11,5  | 10               | 150   | 30             | 450   | 2,58         | 1,73     | 190            | 7,48 |
| 102             | 4,00 | -                | -    | 0,7    | 10    | 10               | 150   | 30             | 450   | 3,37         | 2,26     | 250            | 9,84 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request.  
\* the service life of the hose is directly dependent on frequency and time of sterilization.

REV-2021-04-12

**DESERT WIND**



- SMOOTH, BLUE, CLOTH FINISH
- GALVANIZED WIRE HELICES
- SYNTHETIC PLIES
- WHITE, HEAT RESISTANT EPM

Suction and delivery hose suitable for hot and dry air from compressor to the tank truck. Manufactured according to GMP (Reg. (CE) 2023/2006).

**DESCRIPTION**

**Tube**

EPM, white, heat resistant

**Reinforcement**

synthetic plies, galvanized wire helices

**Cover**

smooth, blue, cloth finish. Abrasion, ageing and ozone resistant

**Marking**

TUDERTECHNICA DESERT WIND

**TECHNICAL CHARACTERISTICS**

**Temperature range :** -40°C / +170°C ( -40°F / +338°F); peaks of 180 °C (+356°F)

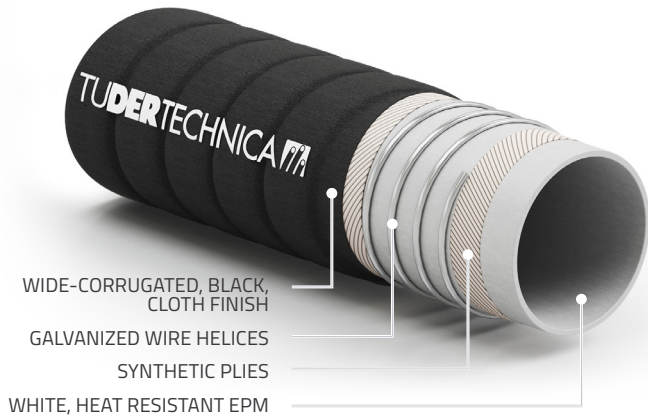
**Norm :** ISO 1307 for dimensional tolerances



| Inside diameter |      | Outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |       |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|-------|
| [mm]            | [in] | [mm]             | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in]  |
| 51              | 2    | 64               | 2,48 | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,69         | 1,13     | 210            | 8,27  |
| 63,5            | 2,5  | 78,5             | 3,09 | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,5          | 1,68     | 265            | 10,43 |
| 76              | 3    | 91               | 3,58 | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,93         | 1,96     | 320            | 12,6  |
| 102             | 4    | 118              | 4,65 | 0,9    | 13    | 10               | 150   | 30             | 450   | 4,23         | 2,83     | 430            | 16,93 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request

**DUNES WIND**



Flexible suction and delivery hose suitable for hot and dry air from compressor to the tank truck. Manufactured according to GMP (Reg. (CE) 2023/2006).

**DESCRIPTION**

**Tube**

EPM, white, heat resistant

**Reinforcement**

synthetic plies, galvanized wire helices

**Cover**

wide-corrugated, black, cloth finish. Abrasion, ageing and ozone resistant

**Marking**

TUDERTECHNICA DUNES WIND

**TECHNICAL CHARACTERISTICS**

**Temperature range :** -40°C / +170°C ( -40°F / +338°F); peaks of 180 °C (+356°F)

**Norm :** ISO 1307 for dimensional tolerances



| Inside diameter |      | Theoretical outside diameter |      | Vacuum |       | Working pressure |       | Burst pressure |       | Appr. weight |          | Bending radius |      |
|-----------------|------|------------------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|------|
| [mm]            | [in] | [mm]                         | [in] | [bar]  | [psi] | [bar]            | [psi] | [bar]          | [psi] | [kg/mt]      | [lbs/ft] | [mm]           | [in] |
| 51              | 2    | 66                           | 2,6  | 0,9    | 13    | 10               | 150   | 30             | 450   | 1,83         | 1,23     | 100            | 3,94 |
| 63,5            | 2,5  | 78,5                         | 3,09 | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,21         | 1,48     | 130            | 5,12 |
| 76              | 3    | 92                           | 3,62 | 0,9    | 13    | 10               | 150   | 30             | 450   | 2,8          | 1,88     | 150            | 5,91 |
| 102             | 4    | 118                          | 4,65 | 0,9    | 13    | 10               | 150   | 30             | 450   | 3,83         | 2,57     | 250            | 9,84 |

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request.

REV-2021-04-12

 **COUPLINGS**



TUDERTECHNICA hoses can be used with a wide range of different couplings for food, chemical, pharmaceutical, cosmetic and industrial application.





## TECHNICAL INFORMATION

Our products have been specifically designed for their intended use.

For a correct usage, cleaning and sanitation of TUDERTECHNICA hoses, we invite you to:

- follow the instructions and charts collected in the dedicated booklet;
- contact us at [info@tudertechnica.com](mailto:info@tudertechnica.com);
- visit our website [www.tudertechnica.com](http://www.tudertechnica.com)







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DISCOVER OUR FULL RANGE OF FLEXIBLE HOSES

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