

TUDERTECHNICA® 

excellence in design and manufacture of specialty hoses



flexible rubber hoses for

CHEMICAL & PETROCHEMICAL APPLICATIONS





delivering
safety



MADE IN ITALY

DISCOVER OUR FULL RANGE OF FLEXIBLE HOSES





CHEMICAL & PETROCHEMICAL APPLICATION

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TUPETROL MASTER



SMOOTH, BLACK, CONDUCTIVE,
CLOTH FINISH CR

GALVANIZED WIRE HELICES

SYNTHETIC PLIES

BLACK, CONDUCTIVE NITRILE 1

TECHNICAL CHARACTERISTICS

Temperature range : -30°C / +100°C (-22°F / +212°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.

Electrical properties : type Ω/T according to norm EN 12115 (R<10⁶ Ω, R<10⁹ Ω through the hose wall)

Norm : EN12115 - TRbF 131/2

Suction and delivery hose designed according to EN 12115 standards for oil and petrol, aromatic content up to 50%. Tested and certified hose by BUREAU VERITAS for use in Atex area (Ex-Zone).

DESCRIPTION

Tube

NBR 1, black, conductive

Reinforcement

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

Cover

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

Marking

yellow tape

TUDERTECHNICA TUPETROL MASTER

embossed according to norm EN 12115

TUDERTECHNICA NBR1 EN12115:2021 DN SD PN 16 BAR Ω/T Q/Y

EX

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	16	250	64	1000	0,69	0,46	65	2,56
25	1,00	37	1,46	0,9	13	16	250	64	1000	0,85	0,57	90	3,54
32	1,25	44	1,73	0,9	13	16	250	64	1000	1,06	0,71	120	4,72
38	1,50	51	2,00	0,9	13	16	250	64	1000	1,42	0,95	155	6,10
50	1,97	66	2,60	0,9	13	16	250	64	1000	2,19	1,47	215	8,46
51	2,00	67	2,64	0,9	13	16	250	64	1000	2,22	1,49	215	8,46
63,5	2,50	79,5	3,13	0,9	13	16	250	64	1000	3,05	2,04	275	10,83
75	2,95	91	3,58	0,9	13	16	250	64	1000	3,54	2,37	330	12,99
76	3,00	92	3,62	0,9	13	16	250	64	1000	3,58	2,40	330	12,99
100	3,94	116	4,57	0,9	13	16	250	64	1000	4,58	3,07	450	17,72
102	4,00	118	4,65	0,9	13	16	250	64	1000	4,64	3,11	450	17,72

Data refer to ambient temperature (20°C).

REV-2021-09-02



TUWAGON MASTER



WIDE CORRUGATED, BLACK, CONDUCTIVE, CLOTH FINISH CR
GALVANIZED WIRE HELICES
SYNTHETIC PLIES
BLACK, CONDUCTIVE NITRILE 1

Suction and delivery hose designed according to EN 12115 standards for oil and petrol, aromatic content up to 50%. Tested and certified hose by BUREAU VERITAS for use in Atex area (Ex-Zone).

DESCRIPTION

Tube

NBR 1, black, conductive

Reinforcement

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

Cover

wide corrugated, CR, black, conductive, cloth finish. Abrasion, ageing, ozone and oil resistant

Marking

yellow tape

TUDERTECHNICA TUWAGON MASTER

embossed according to norm EN 12115

TUDERTECHNICA NBR1 EN12115:2021 DN SD PN 10 BAR Ω/T Q/Y

TECHNICAL CHARACTERISTICS

Temperature range : -30°C / +100°C (-22°F / +212°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.

Electrical properties : type Ω/T according to norm EN 12115 (R<10⁶ Ω, R<10⁹ Ω through the hose wall)

Norm : EN12115 - TRbF 131/2

EX

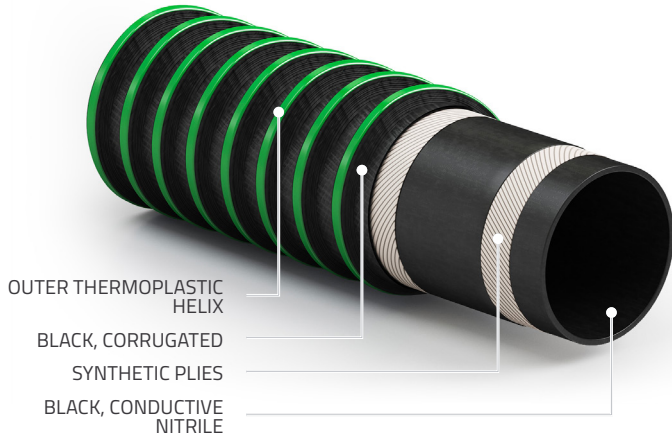
Inside diameter		Outside diameter		Vacuum		Working pressure		Burst pressure		Appr. weight		Bending radius	
[mm]	[in]	[mm]	[in]	[bar]	[psi]	[bar]	[psi]	[bar]	[psi]	[kg/mt]	[lbs/ft]	[mm]	[in]
32	1,25	44	1,73	0,9	13	10	150	40	600	1,18	0,79	100	3,94
38	1,50	51	2,00	0,9	13	10	150	40	600	1,39	0,93	125	4,92
50	1,97	66	2,60	0,9	13	10	150	40	600	2,10	1,41	180	7,09
51	2,00	67	2,64	0,9	13	10	150	40	600	2,13	1,43	180	7,09
63,5	2,50	79,5	3,13	0,9	13	10	150	40	600	2,71	1,82	230	9,06
75	2,95	91	3,58	0,9	13	10	150	40	600	3,18	2,13	280	11,02
76	3,00	92	3,62	0,9	13	10	150	40	600	3,22	2,16	280	11,02
100	3,94	116	4,57	0,9	13	10	150	40	600	4,41	2,95	400	15,75
102	4,00	118	4,65	0,9	13	10	150	40	600	4,46	2,99	400	15,75

Data refer to ambient temperature (20 °C).

REV-2021-09-02



SPIRALTECH® FUEL



Light and flexible lorry collecting hose suitable for oil and petrol, aromatic content up to 50%.

DESCRIPTION

Tube

NBR, black, conductive

Reinforcement

synthetic plies, a/s wire to discharge static electricity

Cover

corrugated, black, with a 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

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	1,17	0,78	80	3,15
51	2,00	-	-	0,9	13	10	150	30	450	1,57	1,05	100	3,94
63,5	2,50	-	-	0,8	11,5	10	150	30	450	1,90	1,27	130	5,12
76	3,00	-	-	0,8	11,5	10	150	30	450	2,30	1,54	150	5,91
102	4,00	-	-	0,7	10	10	150	30	450	2,97	1,99	200	7,87

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

REV-2018-04-01



TUCHEM® EPDM



SMOOTH, BLACK, CONDUCTIVE,
CLOTH FINISH EPDM

GALVANIZED WIRE HELICES

SYNTHETIC PLIES

BLACK, CONDUCTIVE EPDM

Suction and delivery hose designed according to EN 12115 standards for chemical products. Tested and certified hose by BUREAU VERITAS for use in Atex area (Ex-Zone).

DESCRIPTION

Tube

EPDM, black, conductive

Reinforcement

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

Cover

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

Marking

lilac tape

TUDERTECHNICA TUCHEM® EPDM

embossed according to norm EN 12115

TUDERTECHNICA EPDM EN12115:2021 DN SD PN 16 BAR Ω/T Q/Y

TECHNICAL CHARACTERISTICS

Temperature range : -40°C / +120°C (-40°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.

Electrical properties : type Ω/T according to norm EN 12115 (R<10⁶ Ω, R<10⁹ Ω through the hose wall)

Norm : EN12115 - TRbF 131/2

EX

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	16	250	64	1000	0,66	0,44	65	2,56
25	1,00	37	1,46	0,9	13	16	250	64	1000	0,81	0,54	90	3,54
32	1,25	44	1,73	0,9	13	16	250	64	1000	0,99	0,66	120	4,72
38	1,50	51	2,00	0,9	13	16	250	64	1000	1,30	0,87	155	6,10
50	1,97	66	2,60	0,9	13	16	250	64	1000	2,13	1,43	215	8,46
51	2,00	67	2,64	0,9	13	16	250	64	1000	2,16	1,45	215	8,46
63,5	2,50	79,5	3,13	0,9	13	16	250	64	1000	2,86	1,92	275	10,83
75	2,95	91	3,58	0,9	13	16	250	64	1000	3,41	2,28	330	12,99
76	3,00	92	3,62	0,9	13	16	250	64	1000	3,45	2,31	330	12,99
100	3,94	116	4,57	0,9	13	16	250	64	1000	4,41	2,95	450	17,72
102	4,00	118	4,65	0,9	13	16	250	64	1000	4,46	2,99	450	17,72

Data refer to ambient temperature (20°C).

REV-2021-09-02



TUCHEM® VITON®



SMOOTH, BLACK, CONDUCTIVE,
CLOTH FINISH CR
GALVANIZED WIRE HELICES
SYNTHETIC PLIES
BLACK VITON®

Suction and delivery hose designed according to EN 12115 standards for hot oils, chemical and petrol-chemical products.

DESCRIPTION

Tube

Viton®, black

Reinforcement

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

Cover

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

Marking

white/green tape

TUDERTECHNICA TUCHEM® VITON®

embossed according to norm EN 12115

TUDERTECHNICA FKM EN12115:2021 DN SD PN 16 BAR Ω Q/Y

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.

Electrical properties : type Ω according to norm EN 12115 (R<10⁶ Ω)

Norm : EN12115 - TRbF 131/2

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	16	250	64	1000	0,81	0,54	125	4,92
25	1,00	37	1,46	0,9	13	16	250	64	1000	1,01	0,68	150	5,91
32	1,25	44	1,73	0,9	13	16	250	64	1000	1,19	0,80	175	6,89
38	1,50	51	2,00	0,9	13	16	250	64	1000	1,48	0,99	225	8,86
50	1,97	66	2,60	0,9	13	16	250	64	1000	2,30	1,54	275	10,83
51	2,00	67	2,64	0,9	13	16	250	64	1000	2,33	1,56	275	10,83
63,5	2,50	79,5	3,13	0,9	13	16	250	64	1000	3,32	2,22	350	13,78
75	2,95	91	3,58	0,9	13	16	250	64	1000	3,83	2,57	400	15,75
76	3,00	92	3,62	0,9	13	16	250	64	1000	3,87	2,59	400	15,75
100	3,94	116	4,57	0,9	13	16	250	64	1000	5,01	3,36	550	21,65
102	4,00	118	4,65	0,9	13	16	250	64	1000	5,05	3,38	550	21,65

Data refer to ambient temperature (20°C).

REV-2021-09-02



TUCHEM® UPE



Suction and delivery hose designed according to EN 12115 standards for chemical products.

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, a/s wire to discharge static electricity

Cover

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

Marking

white/blue tape

TUDERTECHNICA TUCHEM® UPE

embossed according to norm EN 12115

TUDERTECHNICA UHMWPE EN12115:2021 DN SD PN 16 BAR Ω Q/Y

TECHNICAL CHARACTERISTICS

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

Electrical properties : type Ω according to norm EN 12115 (R<10⁶ Ω)

Norm : EN12115 - TRbF 131/2



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	16	250	64	1000	0,75	0,50	115	4,53
25	1,00	37	1,46	0,9	13	16	250	64	1000	0,92	0,62	155	6,10
32	1,25	44	1,73	0,9	13	16	250	64	1000	1,10	0,74	200	7,87
38	1,50	51	2,00	0,9	13	16	250	64	1000	1,39	0,93	240	9,45
50	1,97	66	2,60	0,9	13	16	250	64	1000	2,30	1,54	330	12,99
51	2,00	67	2,64	0,9	13	16	250	64	1000	2,33	1,56	330	12,99
63,5	2,50	79,5	3,13	0,9	13	16	250	64	1000	3,09	2,07	415	16,34
75	2,95	91	3,58	0,9	13	16	250	64	1000	3,58	2,40	500	19,69
76	3,00	92	3,62	0,9	13	16	250	64	1000	3,62	2,42	500	19,69
100	3,94	116	4,57	0,9	13	16	250	64	1000	4,63	3,10	675	26,57
102	4,00	118	4,65	0,9	13	16	250	64	1000	4,67	3,13	675	26,57

Data refer to ambient temperature (20 °C).

REV-2021-09-02



TUCHEM® UPE FULL CONDUCTIVE



SMOOTH, BLACK, CONDUCTIVE,
CLOTH FINISH EPDM

GALVANIZED WIRE HELICES

SYNTHETIC PLYS

BLACK, CONDUCTIVE UPE

Suction and delivery hose designed according to EN 12115 standards for chemical products. Tested and certified hose by BUREAU VERITAS for use in Atex area (Ex-Zone).

DESCRIPTION

Tube

UPE, black, conductive, phthalates free according to 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.

Reinforcement

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

Cover

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

Marking

white/blue tape

TUDERTECHNICA TUCHEM® UPE FULL CONDUCTIVE

embossed according to norm EN 12115

TUDERTECHNICA UHMWPE EN12115:2021 DN SD PN 16 BAR Ω/T Q/Y

TECHNICAL CHARACTERISTICS

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

Electrical properties : type Ω/T according to norm EN 12115 (R<10⁶ Ω, R<10⁹ Ω through the hose wall)

Norm : EN12115 - TRbF 131/2



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	16	250	64	1000	0,75	0,50	115	4,53
25	1,00	37	1,46	0,9	13	16	250	64	1000	0,92	0,62	155	6,10
32	1,25	44	1,73	0,9	13	16	250	64	1000	1,10	0,74	200	7,87
38	1,50	51	2,00	0,9	13	16	250	64	1000	1,39	0,93	240	9,45
50	1,97	66	2,60	0,9	13	16	250	64	1000	2,30	1,54	330	12,99
51	2,00	67	2,64	0,9	13	16	250	64	1000	2,33	1,56	330	12,99
63,5	2,50	79,5	3,13	0,9	13	16	250	64	1000	3,09	2,07	415	16,34
75	2,95	91	3,58	0,9	13	16	250	64	1000	3,58	2,40	500	19,69
76	3,00	92	3,62	0,9	13	16	250	64	1000	3,62	2,42	500	19,69
100	3,94	116	4,57	0,9	13	16	250	64	1000	4,63	3,10	675	26,57
102	4,00	118	4,65	0,9	13	16	250	64	1000	4,67	3,13	675	26,57

Data refer to ambient temperature (20°C).

REV-2021-09-02



TUCHEM® UPE CHIPS FULL CONDUCTIVE



- SMOOTH, BLACK, CONDUCTIVE, CLOTH FINISH EPDM
- GALVANIZED WIRE HELICES
- SYNTHETIC PLYS
- WHITE UPE WITH CONDUCTIVE CHIPS

Suction and delivery hose designed according to EN 12115 standards for chemical products.

DESCRIPTION

Tube

UPE, white with conductive chips, 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.

Reinforcement

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

Cover

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

Marking

white/blue tape

TUDERTECHNICA TUCHEM® UPE CHIPS FULL CONDUCTIVE

embossed according to norm EN 12115

TUDERTECHNICA UHMWPE EN12115:2021 DN SD PN 16 BAR Ω /T Q/Y

TECHNICAL CHARACTERISTICS

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

Electrical properties : type Ω /T according to norm EN 12115 (R<10⁶ Ω , R<10⁹ Ω through the hose wall)

Norm : EN12115 - TRbF 131/2



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	16	250	64	1000	0,75	0,50	115	4,53
25	1,00	37	1,46	0,9	13	16	250	64	1000	0,92	0,62	155	6,10
32	1,25	44	1,73	0,9	13	16	250	64	1000	1,10	0,74	200	7,87
38	1,50	51	2,00	0,9	13	16	250	64	1000	1,39	0,93	240	9,45
50	1,97	66	2,60	0,9	13	16	250	64	1000	2,30	1,54	330	12,99
51	2,00	67	2,64	0,9	13	16	250	64	1000	2,33	1,56	330	12,99
63,5	2,50	79,5	3,13	0,9	13	16	250	64	1000	3,09	2,07	415	16,34
75	2,95	91	3,58	0,9	13	16	250	64	1000	3,58	2,40	500	19,69
76	3,00	92	3,62	0,9	13	16	250	64	1000	3,62	2,42	500	19,69
100	3,94	116	4,57	0,9	13	16	250	64	1000	4,63	3,10	675	26,57
102	4,00	118	4,65	0,9	13	16	250	64	1000	4,67	3,13	675	26,57

Data refer to ambient temperature (20°C).

REV-2021-09-02



TUCHEM® UPE FULL CONDUCTIVE FORM



WIDE CORRUGATED, BLACK, CONDUCTIVE, CLOTH FINISH EPDM
GALVANIZED WIRE HELICES
SYNTHETIC PLYS
BLACK, CONDUCTIVE UPE

Suction and delivery hose designed according to EN 12115 standards for chemical products. Tested and certified hose by BUREAU VERITAS for use in Atex area (Ex-Zone).

DESCRIPTION

Tube

UPE, black, conductive, phthalates free according to 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.

Reinforcement

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

Cover

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

Marking

white/blue tape

TUDERTECHNICA TUCHEM® UPE FULL CONDUCTIVE

embossed according to norm EN 12115

TUDERTECHNICA UHMWPE EN12115:2021 DN SD PN 10 BAR Ω/T Q/Y

TECHNICAL CHARACTERISTICS

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

Electrical properties : type Ω/T according to norm EN 12115 (R<10⁶ Ω, R<10⁹ Ω through the hose wall)

Norm : EN12115 - TRbF 131/2



refer to guidelines for cleaning and sanitizing on Tudertechnica website



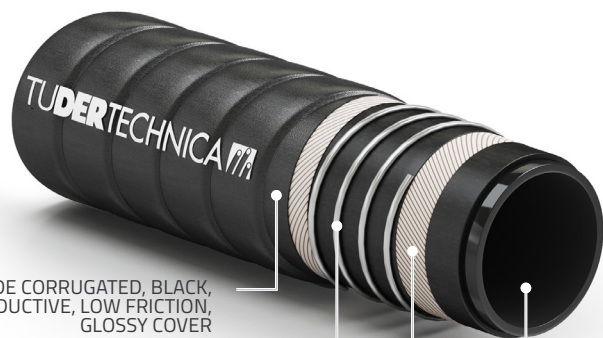
Inside diameter		Outside diameter		Vacuum		Working pressure		Burst pressure		Appr. weight		Bending radius	
[mm]	[in]	[mm]	[in]	[bar]	[psi]	[bar]	[psi]	[bar]	[psi]	[kg/mt]	[lbs/ft]	[mm]	[in]
25	1,00	37	1,46	0,9	13	10	150	40	600	0,71	0,48	95	3,74
32	1,25	44	1,73	0,9	13	10	150	40	600	0,87	0,58	115	4,53
38	1,50	51	2,00	0,9	13	10	150	40	600	1,11	0,74	140	5,51
50	1,97	66	2,60	0,9	13	10	150	40	600	1,84	1,23	190	7,48
51	2,00	67	2,64	0,9	13	10	150	40	600	1,87	1,26	190	7,48
63,5	2,50	79,5	3,13	0,9	13	10	150	40	600	2,34	1,57	245	9,65
75	2,95	91	3,58	0,9	13	10	150	40	600	2,77	1,86	330	12,99
76	3,00	92	3,62	0,9	13	10	150	40	600	2,80	1,88	330	12,99
100	3,94	116	4,57	0,9	13	10	150	40	600	3,48	2,34	475	18,70
102	4,00	118	4,65	0,9	13	10	150	40	600	3,54	2,38	475	18,70

Data refer to ambient temperature (20 °C).

REV-2021-09-02



GLIDETECH® UPE FULL CONDUCTIVE



WIDE CORRUGATED, BLACK, CONDUCTIVE, LOW FRICTION, GLOSSY COVER

GALVANIZED WIRE HELICES

SYNTHETIC PLYS

BLACK, CONDUCTIVE UPE

Suction and delivery hose designed according to EN 12115 standards for chemical products. Tested and certified hose by BUREAU VERITAS for use in Atex area (Ex-Zone).

DESCRIPTION

Tube

UPE, black, conductive, phthalates free according to 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.

Reinforcement

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

Cover

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

Marking

white/blue tape

TUDERTECHNICA GLIDETECH® UPE FULL CONDUCTIVE

embossed according to norm EN 12115

TUDERTECHNICA UHMWPE EN12115:2021 DN SD PN 10 BAR Ω/T Q/Y

TECHNICAL CHARACTERISTICS

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

Electrical properties : type Ω/T according to norm EN 12115 (R<10⁶ Ω, R<10⁹ Ω through the hose wall)

Norm : EN12115



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	37	1,46	0,9	13	10	150	40	600	0,71	0,48	100	3,94
32	1,25	44	1,73	0,9	13	10	150	40	600	0,87	0,58	125	4,92
38	1,50	51	2,00	0,9	13	10	150	40	600	1,11	0,74	150	5,91
50	1,97	66	2,60	0,9	13	10	150	40	600	1,87	1,25	200	7,87
51	2,00	67	2,64	0,9	13	10	150	40	600	1,90	1,27	200	7,87
63,5	2,50	79,5	3,13	0,9	13	10	150	40	600	2,34	1,57	260	10,24
75	2,95	91	3,58	0,9	13	10	150	40	600	2,72	1,82	350	13,78
76	3,00	92	3,62	0,9	13	10	150	40	600	2,75	1,84	350	13,78
100	3,94	116	4,57	0,9	13	10	150	40	600	3,86	2,59	500	19,69
102	4,00	118	4,65	0,9	13	10	150	40	600	3,89	2,61	500	19,69

Data refer to ambient temperature (20 °C).

REV-2021-09-02



SPIRALTECH® UPE CONDUCTIVE

Light and flexible lorry collecting hose suitable for chemical products.

DESCRIPTION

Tube

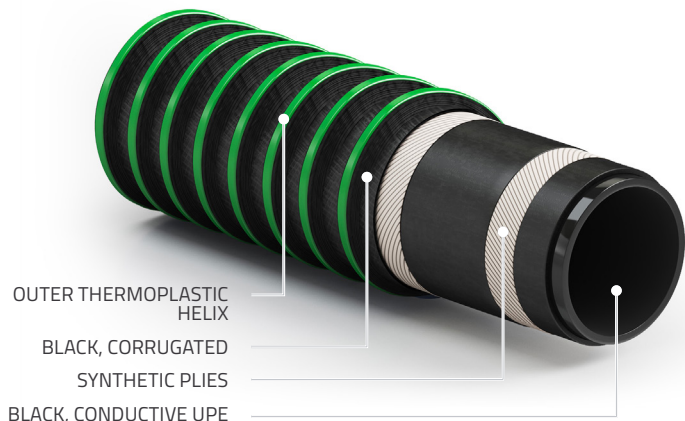
UPE, black, conductive, phthalates free according to 1907/2006/CE (REACH). Meets FDA 21 CFR 177.1520; BfR III; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; REGULATION 10/2011/CE.

Reinforcement

synthetic plies, a/s wire to discharge static electricity

Cover

corrugated, black, with an 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



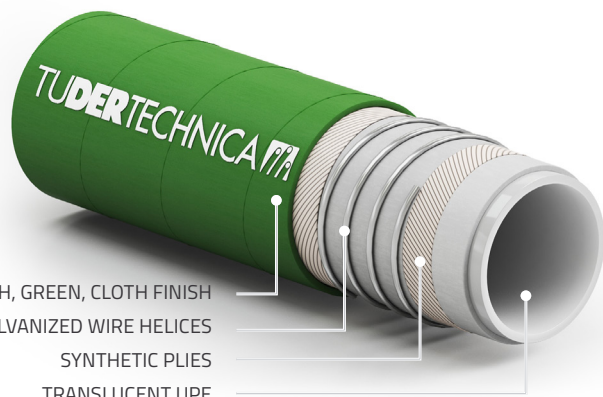
Inside diameter		Outside diameter		Vacuum		Working pressure		Burst pressure		Appr. weight		Bending radius	
[mm]	[in]	[mm]	[in]	[bar]	[psi]	[bar]	[psi]	[bar]	[psi]	[kg/mt]	[lbs/ft]	[mm]	[in]
38	1,50	-	-	0,9	13	10	150	30	450	1,05	0,70	85	3,35
51	2,00	-	-	0,9	13	10	150	30	450	1,45	0,97	120	4,72
63,5	2,50	-	-	0,8	11,5	10	150	30	450	1,75	1,17	155	6,10
76	3,00	-	-	0,8	11,5	10	150	30	450	2,06	1,38	190	7,48
102	4,00	-	-	0,7	10	10	150	30	450	2,69	1,80	260	10,24

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

REV-2021-04-12



GPS EVOLUTION



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

Suction and delivery hose designed for chemical 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, a/s wire to discharge static electricity

Cover

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

Marking

TUDERTECHNICA GPS EVOLUTION

TECHNICAL CHARACTERISTICS

Temperature range : -30°C / +90°C (-22°F / +194°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	30	1,18	0,9	13	10	150	30	450	0,62	0,42	115	4,53
25	1,00	36	1,42	0,9	13	10	150	30	450	0,77	0,52	150	5,91
32	1,25	45	1,77	0,9	13	10	150	30	450	1,04	0,70	180	7,09
38	1,50	51	2,01	0,9	13	10	150	30	450	1,33	0,89	220	8,66
51	2,00	65	2,56	0,9	13	10	150	30	450	1,90	1,27	280	11,02
63,5	2,50	78,5	3,09	0,9	13	10	150	30	450	2,50	1,68	360	14,17
76	3,00	91	3,58	0,9	13	10	150	30	450	3,02	2,02	420	16,54
102	4,00	119	4,69	0,9	13	10	150	30	450	4,61	3,09	600	23,62

Data refer to ambient temperature (20 °C).

REV-2021-04-12



TUFLUOR® PTFE CHEM

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



- SMOOTH, BLACK, CONDUCTIVE, CLOTH FINISH EPDM
- STAINLESS STEEL WIRE HELICES
- SYNTHETIC PLYS
- SMOOTH, CO-EXTRUDED CLEAR/WHITE PIGMENTED TEFLON™ PTFE

TECHNICAL CHARACTERISTICS

Temperature range : -40°C / +150°C (-40°F / +302°F)

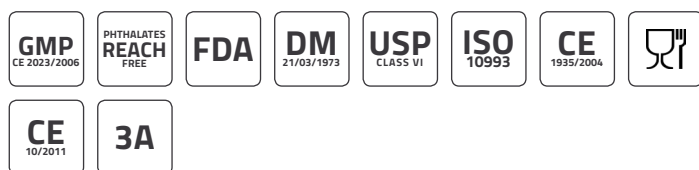
The operating temperature of the hose is directly dependent upon the specific fluid been conveyed and the length of time the fluid is in contact with the hose.

Electrical properties : type Ω according to norm EN 12115 (R<10⁶ Ω)

Norm : EN12115 - TRbF 131/2



refer to guidelines for cleaning and sanitizing on [Tudertecnica website](#)



Suction and delivery hose designed according to EN 12115 standards for chemicals and solvents, except for chlorine trifluoride, chlorine and fluorine gas, oxygen difluoride, phosgene and molten alkalis (for ex. sodium). Designed for the chemical industry, foodstuff, pharmaceutical and cosmetic industry, where a flexible connection is required. The hose is produced with high quality elastomers, with excellent chemical and mechanical properties. 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, stainless steel wire helices, a/s wires to discharge static electricity

Cover

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

Marking

red/white/blue tape

TUDERTECHNICA TUFLUOR® PTFE CHEM

embossed according to norm EN 12115

TUDERTECHNICA PTFE EN12115:2021 DN SD PN 16 BAR Ω Q/Y

Inside diameter		Outside diameter		Length		Vacuum		Working pressure		Burst pressure		Appr. weight		Bending radius	
[mm]	[in]	[mm]	[in]	[mt]	[ft]	[bar]	[psi]	[bar]	[psi]	[bar]	[psi]	[kg/mt]	[lbs/ft]	[mm]	[in]
13	0,50	25	1,00	40	130	0,9	13	16	250	64	1000	0,54	0,36	90	3,54
19	0,75	31	1,22	40	130	0,9	13	16	250	64	1000	0,70	0,47	130	5,12
25	1,00	37	1,46	40	130	0,9	13	16	250	64	1000	0,86	0,58	170	6,69
32	1,25	44	1,73	40	130	0,9	13	16	250	64	1000	1,18	0,79	215	8,46
38	1,50	51	2,00	40	130	0,9	13	16	250	64	1000	1,43	0,96	255	10,04
50	1,97	66	2,60	40	130	0,9	13	16	250	64	1000	2,08	1,39	330	12,99
63,5	2,50	79,5	3,13	20	65	0,9	13	16	250	64	1000	2,96	1,98	430	16,93
75	2,95	91	3,58	20	65	0,9	13	16	250	64	1000	3,43	2,30	510	20,08
100	3,94	116	4,57	20	65	0,9	13	16	250	64	1000	4,60	3,08	675	26,57

Data refer to ambient temperature (20°C).

We reserve the right to supply in random lengths shorter than 40mt or 20mt.

REV-2021-09-02



TUFLUOR® PTFE CHEM FORM

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



WIDE CORRUGATED, BLACK, CONDUCTIVE, CLOTH FINISH EPDM
STAINLESS STEEL WIRE HELICES
SYNTHETIC PLYS
SMOOTH, CO-EXTRUDED CLEAR/WHITE PIGMENTED TEFLON™ PTFE

Suction and delivery hose designed according to EN 12115 standards for chemicals and solvents, except for chlorine trifluoride, chlorine and fluorine gas, oxygen difluoride, phosgene and molten alkalis (for ex. sodium). Designed for the chemical industry, foodstuff, pharmaceutical and cosmetic industry, where a flexible connection is required. The hose is produced with high quality elastomers, with excellent chemical and mechanical properties. 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, stainless steel wire helices, a/s wires to discharge static electricity

Cover

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

Marking

red/white/blue tape
TUDERTECHNICA TUFLUOR® PTFE CHEM
embossed according to norm EN 12115
TUDERTECHNICA PTFE EN12115:2021 DN SD PN 10 BAR Ω Q/Y

TECHNICAL CHARACTERISTICS

Temperature range : -40°C / +150°C (-40°F / +302°F)

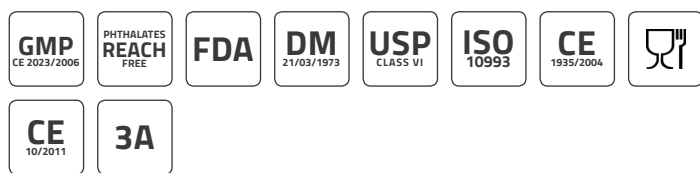
The operating temperature of the hose is directly dependent upon the specific fluid been conveyed and the length of time the fluid is in contact with the hose.

Electrical properties : type Ω according to norm EN 12115 (R<10⁶ Ω)

Norm : EN12115 - TRbF 131/2



refer to guidelines for cleaning and sanitizing on Tudertecnica website



Inside diameter		Outside diameter		Length		Vacuum		Working pressure		Burst pressure		Appr. weight		Bending radius	
[mm]	[in]	[mm]	[in]	[mt]	[ft]	[bar]	[psi]	[bar]	[psi]	[bar]	[psi]	[kg/mt]	[lbs/ft]	[mm]	[in]
13	0,50	25	1,00	40	130	0,9	13	10	150	40	600	0,49	0,33	55	2,17
19	0,75	31	1,22	40	130	0,9	13	10	150	40	600	0,64	0,43	75	2,95
25	1,00	37	1,46	40	130	0,9	13	10	150	40	600	0,79	0,53	95	3,74
32	1,25	44	1,73	40	130	0,9	13	10	150	40	600	0,90	0,60	115	4,53
38	1,50	51	2,00	40	130	0,9	13	10	150	40	600	1,22	0,82	140	5,51
50	1,97	66	2,60	40	130	0,9	13	10	150	40	600	1,95	1,31	190	7,48
63,5	2,50	79,5	3,13	20	65	0,9	13	10	150	40	600	2,54	1,70	245	9,65
75	2,95	91	3,58	20	65	0,9	13	10	150	40	600	2,95	1,97	330	12,99
100	3,94	116	4,57	20	65	0,9	13	10	150	40	600	3,82	2,56	475	18,70

Data refer to ambient temperature (20°C).

We reserve the right to supply in random lengths shorter than 40mt or 20mt.

REV-2021-09-02

TUFLUOR® PTFE CHEM FULL CONDUCTIVE

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



SMOOTH, BLACK, CONDUCTIVE, CLOTH FINISH EPDM
 STAINLESS STEEL WIRE HELICES
 SYNTHETIC PLYS
 SMOOTH, BLACK, CONDUCTIVE TEFLON™ PTFE

TECHNICAL CHARACTERISTICS

Temperature range : -40°C / +150°C (-40°F / +302°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.

Electrical properties : type Ω/T according to norm EN 12115 (R<10⁶ Ω, R<10⁹ Ω through the hose wall)

Norm : EN12115 - TRbF 131/2



refer to guidelines for cleaning and sanitizing on Tudertecnica website



Suction and delivery hose designed according to EN 12115 standards for chemicals and solvents, except for chlorine trifluoride, chlorine and fluorine gas, oxygen difluoride, phosgene and molten alkalis (for ex. sodium). Designed for the chemical industry, foodstuff, pharmaceutical and cosmetic industry, where a flexible connection is required. The hose is produced with high quality elastomers, with excellent chemical and mechanical properties. Tested and certified hose by BUREAU VERITAS for use in Atex area (Ex-Zone). 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, black, conductive, 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.

Reinforcement

synthetic plies, stainless steel wire helices, a/s wire to discharge static electricity

Cover

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

Marking

red/white/blue tape

TUDERTECHNICA TUFLUOR® PTFE CHEM FULL CONDUCTIVE embossed according to norm EN 12115

TUDERTECHNICA PTFE EN12115:2021 DN SD PN 16 BAR Ω/T Q/Y

Inside diameter		Outside diameter		Length		Vacuum		Working pressure		Burst pressure		Appr. weight		Bending radius	
[mm]	[in]	[mm]	[in]	[mt]	[ft]	[bar]	[psi]	[bar]	[psi]	[bar]	[psi]	[kg/mt]	[lbs/ft]	[mm]	[in]
13	0,50	25	1,00	40	130	0,9	13	16	250	64	1000	0,54	0,36	90	3,54
19	0,75	31	1,22	40	130	0,9	13	16	250	64	1000	0,70	0,47	130	5,12
25	1,00	37	1,46	40	130	0,9	13	16	250	64	1000	0,86	0,58	170	6,69
32	1,25	44	1,73	40	130	0,9	13	16	250	64	1000	1,18	0,79	215	8,46
38	1,50	51	2,00	40	130	0,9	13	16	250	64	1000	1,43	0,96	255	10,04
50	1,97	66	2,60	40	130	0,9	13	16	250	64	1000	2,08	1,39	330	12,99
63,5	2,50	79,5	3,13	20	65	0,9	13	16	250	64	1000	2,96	1,98	430	16,93
75	2,95	91	3,58	20	65	0,9	13	16	250	64	1000	3,43	2,30	510	20,08
100	3,94	116	4,57	20	65	0,9	13	16	250	64	1000	4,60	3,08	675	26,57

Data refer to ambient temperature (20°C).

We reserve the right to supply in random lengths shorter than 40mt or 20mt.

REV-2021-09-02

TUFLUOR® PTFE CHEM FULL CONDUCTIVE FORM

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



WIDE CORRUGATED, BLACK, CONDUCTIVE, CLOTH FINISH EPDM
 STAINLESS STEEL WIRE HELICES
 SYNTHETIC PLYS
 SMOOTH, BLACK, CONDUCTIVE TEFLON™ PTFE

TECHNICAL CHARACTERISTICS

Temperature range : -40°C / +150°C (-40°F / +302°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.

Electrical properties : type Ω/T according to norm EN 12115 (R<10⁶ Ω, R<10⁹ Ω through the hose wall)

Norm : EN12115 - TRbF 131/2



refer to guidelines for cleaning and sanitizing on Tudertecnica website



Suction and delivery hose designed according to EN 12115 standards for chemicals and solvents, except for chlorine trifluoride, chlorine and fluorine gas, oxygen difluoride, phosgene and molten alkalis (for ex. sodium). Designed for the chemical industry, foodstuff, pharmaceutical and cosmetic industry, where a flexible connection is required. The hose is produced with high quality elastomers, with excellent chemical and mechanical properties. Tested and certified hose by BUREAU VERITAS for use in Atex area (Ex-Zone). 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, black, conductive, 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.

Reinforcement

synthetic plies, stainless steel wire helices, a/s wire to discharge static electricity

Cover

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

Marking

red/white/blue tape

TUDERTECHNICA TUFLUOR® PTFE CHEM FULL CONDUCTIVE embossed according to norm EN 12115

TUDERTECHNICA PTFE EN12115:2021 DN SD PN 10 BAR Ω/T Q/Y

Inside diameter		Outside diameter		Length		Vacuum		Working pressure		Burst pressure		Appr. weight		Bending radius	
[mm]	[in]	[mm]	[in]	[mt]	[ft]	[bar]	[psi]	[bar]	[psi]	[bar]	[psi]	[kg/mt]	[lbs/ft]	[mm]	[in]
13	0,50	25	1,00	40	130	0,9	13	10	150	40	600	0,49	0,33	55	2,17
19	0,75	31	1,22	40	130	0,9	13	10	150	40	600	0,64	0,43	75	2,95
25	1,00	37	1,46	40	130	0,9	13	10	150	40	600	0,79	0,53	95	3,74
32	1,25	44	1,73	40	130	0,9	13	10	150	40	600	0,90	0,60	115	4,53
38	1,50	51	2,00	40	130	0,9	13	10	150	40	600	1,22	0,82	140	5,51
50	1,97	66	2,60	40	130	0,9	13	10	150	40	600	1,95	1,31	190	7,48
63,5	2,50	79,5	3,13	20	65	0,9	13	10	150	40	600	2,54	1,70	245	9,65
75	2,95	91	3,58	20	65	0,9	13	10	150	40	600	2,95	1,97	330	12,99
100	3,94	116	4,57	20	65	0,9	13	10	150	40	600	3,82	2,56	475	18,70

Data refer to ambient temperature (20°C).

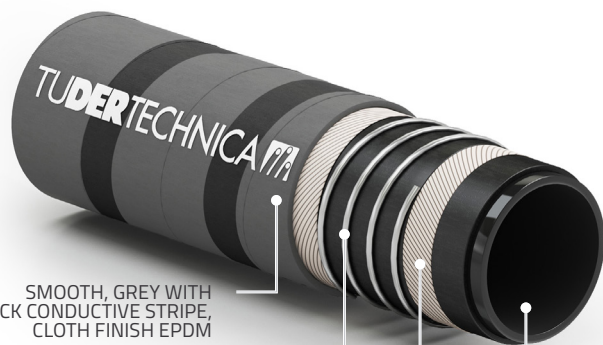
We reserve the right to supply in random lengths shorter than 40mt or 20mt.

REV-2021-09-02



TUFLUOR® PTFE CHEM FULL CONDUCTIVE TNFC

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



- SMOOTH, GREY WITH BLACK CONDUCTIVE STRIPE, CLOTH FINISH EPDM
- STAINLESS STEEL WIRE HELICES
- SYNTHETIC PLYS
- SMOOTH, BLACK, CONDUCTIVE TEFLON™ PTFE

Suction and delivery hose designed according to EN 12115 standards for chemicals and solvents, except for chlorine trifluoride, chlorine and fluorine gas, oxygen difluoride, phosgene and molten alkalis (for ex. sodium). Designed for the chemical industry, foodstuff, pharmaceutical and cosmetic industry, where a flexible connection is required. The hose is produced with high quality elastomers, with excellent chemical and mechanical properties. 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, black, conductive, 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.

Reinforcement

synthetic plies, stainless steel wire helices, a/s wire to discharge static electricity

Cover

smooth, EPDM, grey with black conductive stripes, conductive, cloth finish. Abrasion, ageing and ozone resistant

Marking

red/white/blue tape

TUDERTECHNICA TUFLUOR® PTFE CHEM FULL CONDUCTIVE

embossed according to norm EN 12115

TUDERTECHNICA PTFE EN12115:2021 DN SD PN 16 BAR Ω/T Q/Y

TECHNICAL CHARACTERISTICS

Temperature range : -40°C / +150°C (-40°F / +302°F)

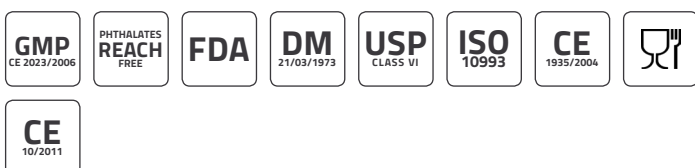
The operating temperature of the hose is directly dependent upon the specific fluid been conveyed and the length of time the fluid is in contact with the hose.

Electrical properties : type Ω/T according to norm EN 12115 (R<10⁶ Ω, R<10⁹ Ω through the hose wall)

Norm : EN12115 - TRbF 131/2



refer to guidelines for cleaning and sanitizing on Tudertecnica website



Inside diameter		Outside diameter		Length		Vacuum		Working pressure		Burst pressure		Appr. weight		Bending radius	
[mm]	[in]	[mm]	[in]	[mt]	[ft]	[bar]	[psi]	[bar]	[psi]	[bar]	[psi]	[kg/mt]	[lbs/ft]	[mm]	[in]
13	0,50	25	1,00	40	130	0,9	13	16	250	64	1000	0,54	0,36	90	3,54
19	0,75	31	1,22	40	130	0,9	13	16	250	64	1000	0,70	0,47	130	5,12
25	1,00	37	1,46	40	130	0,9	13	16	250	64	1000	0,86	0,58	170	6,69
32	1,25	44	1,73	40	130	0,9	13	16	250	64	1000	1,18	0,79	215	8,46
38	1,50	51	2,00	40	130	0,9	13	16	250	64	1000	1,43	0,96	255	10,04
50	1,97	66	2,60	40	130	0,9	13	16	250	64	1000	2,08	1,39	330	12,99
63,5	2,50	79,5	3,13	20	65	0,9	13	16	250	64	1000	2,96	1,98	430	16,93
75	2,95	91	3,58	20	65	0,9	13	16	250	64	1000	3,43	2,30	510	20,08
100	3,94	116	4,57	20	65	0,9	13	16	250	64	1000	4,60	3,08	675	26,57

Data refer to ambient temperature (20°C).

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REV-2021-09-02

 **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;
- visit our website www.tudertechnica.com





WARNING

TUBIGOMMA DEREGIBUS S.R.L. (the Company) has taken care in preparing the contents of this web site and of the enclosed catalogues.

However, the Company cannot be responsible for any inaccuracies, or printing errors which may appear in this web site and in the enclosed catalogues.

The Company reserves the rights to implement changes in product specifications without notice and as may be deemed appropriate by the Company for any technical or commercial reason.

Due to the variety of operating conditions and applications for the hoses described in this web site and in the enclosed catalogues, the user of such hoses, through its own determination is solely responsible for making the final selection of the hose or hoses and for assuring that all performance, safety and warning requirements for the application are fulfilled.

The Company assumes no responsibility for improper use or selection of a specific hose(s) by the ultimate user.

This web site and the enclosed catalogues are a reference guide only.

For recommendations regarding hose selection, storing, use or maintenance of these hoses, please request from the Company the specific manual issued by ASSOGOMMA (Italy) or download it from the web site. For any other information please contact our sales office or local representative.

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DISCOVER OUR FULL RANGE OF FLEXIBLE HOSES



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for Your area will respond to Your enquiry.

