

## SR7

## SAE 100R7/EN 855 R7 | Thermoplastic



Exceeds SAE Min. Bend Radius

- Meets or exceeds the performance requirements of: SAE 100R7; EN 855 R7

**Application**

Medium-pressure thermoplastic hose with a perforated cover. Compatible with petroleum-, water- and synthetic-based fluids for mobile equipment, lube lines, blowout preventers, hydraulic lifts and construction machinery.

**Inner Tube**

Nylon

**Reinforcement**

Synthetic fiber

**Cover**

Black urethane, perforated

**Temperature Range**

-40°F to 212°F (-40°C to 100°C)  
Note: Max temperature for water-based and fire-resistant fluids is 150°F (66°C).

**Fitting Reference**

All fittings compatible with the SR7 hose family are listed in Section 2 (starting on page 91) of the catalog.

**Branding**

Example: Continental ContiTech SR7-02 SAE 100R7/EN855 R7 1/8" (DN03) W.P. 2500 psi (17.2 MPa)

Descriptive #/ Product #	SAP #	Hose Size ID		Hose OD		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight lbs./ft.
		in.	mm	in.	mm	psi	MPa	in.	mm	psi	MPa	
SR7-02	20243607	1/8	03	0.34	8.5	2500	17.2	0.5	13	10000	68.9	0.03
SR7-03	20243608	3/16	05	0.43	10.8	3000	20.7	0.8	20	12000	82.7	0.05
SR7-04	20243609	1/4	06	0.51	13.0	3000	20.7	1.3	33	12000	82.7	0.06
SR7-05	20243650	5/16	08	0.59	15.1	2500	17.2	1.8	46	10000	68.9	0.07
SR7-06	20243651	3/8	10	0.67	17.0	2250	15.5	2.0	51	9000	62.1	0.10
SR7-08	20243652	1/2	12	0.82	20.7	2000	13.8	3.0	76	8000	55.2	0.14
SR7-12	20243653	3/4	19	1.07	27.1	1250	8.6	5.0	127	5000	34.5	0.19
SR7-16	20243654	1	25	1.34	34.0	1000	6.9	8.0	203	4000	27.6	0.26

## TR7

## SAE 100R7 (Twin-Line) | Thermoplastic



- Meets or exceeds the performance requirements of: SAE 100R7
- Twin-Line

**Application**

Medium-pressure, twin-line thermoplastic hose with a perforated cover. Compatible with petroleum-, water- and synthetic-based fluids for mobile equipment, lube lines, blowout preventers, hydraulic lifts and construction machinery.

**Inner Tube**

Nylon

**Reinforcement**

Synthetic fiber

**Cover**

Black urethane, perforated

**Temperature Range**

-40°F to 212°F (-40°C to 100°C)  
Note: Max temperature for water-based and fire-resistant fluids is 150°F (66°C).

**Fitting Reference**

All fittings compatible with the TR7 hose family are listed in Section 2 (starting on page 91) of the catalog.

**Branding**

Example: Continental ContiTech TR7-03 SAE 100R7 3/16" (4.8mm) W.P. 3000 psi (20.7 MPa)

Descriptive #/ Product #	SAP #	Hose Size ID		Hose OD		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight lbs./ft.
		in.	mm	in.	mm	psi	MPa	in.	mm	psi	MPa	
TR7-03	20243663	3/16	4.8	0.43	10.8	3000	20.7	0.8	20	12000	82.7	0.09
TR7-04	20243664	1/4	6.4	0.51	13.0	3000	20.7	1.3	33	12000	82.7	0.11
TR7-05	20243665	5/16	7.9	0.59	15.1	2500	17.2	1.8	46	10000	68.9	0.14
TR7-06	20243666	3/8	9.5	0.67	17.0	2250	15.5	2.0	51	9000	62.1	0.19
TR7-08	20243667	1/2	12.7	0.82	20.7	2000	13.8	3.0	76	8000	55.2	0.28

# NR7

## SAE 100R7 (Non-Conductive) | Thermoplastic



- › Meets or exceeds the performance requirements of: SAE 100R7;
- › Non-Conductive

### Application

Medium-pressure thermoplastic hose with a non-perforated cover. Compatible with petroleum-, water- and synthetic-based fluids for mobile equipment, lube lines, blowout preventers, hydraulic lifts and construction machinery requiring SAE 100R7 non-conductivity standards.

### Inner Tube

Polyester

### Reinforcement

Synthetic fiber

### Cover

Orange urethane

### Temperature Range

-65°F to 212°F (-54°C to 100°C)  
 Note: Temperature range is -40°F to 200°F (-40°C to 93°C) for sizes 1/8", 3/4" and 1". Max. temperature for water-based and fire-resistant fluids is 140°F (60°C).

### Fitting Reference

All fittings compatible with the NR7 hose family are listed in Section 2 (starting on page 91) of the catalog.

### Branding

Example: Continental ContiTech NR7-02 SAE 100R7 (Non-Conductive) 1/8" (3.3mm) W.P. 2500 psi (17.2 MPa)

Descriptive #/ Product #	SAP #	Hose Size ID		Hose OD		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight lbs./ft.
		in.	mm	in.	mm	psi	MPa	in.	mm	psi	MPa	
NR7-02	20243655	1/8	3.3	0.34	8.5	2500	17.2	0.5	13	10000	68.9	0.03
NR7-03	20243656	3/16	4.8	0.43	10.8	3000	20.7	0.8	20	12000	82.7	0.05
NR7-04	20243657	1/4	6.4	0.49	12.3	2750	19.0	1.3	33	11000	75.8	0.06
NR7-05	20243658	5/16	7.9	0.58	14.7	2500	17.2	1.8	46	10000	68.9	0.08
NR7-06	20243659	3/8	9.5	0.64	16.1	2250	15.5	2.0	51	9000	62.1	0.10
NR7-08	20243660	1/2	12.7	0.82	20.7	2250	15.5	3.0	76	9000	62.1	0.14
NR7-12	20243661	3/4	19.0	1.07	27.1	1250	8.6	5.0	127	5000	34.5	0.19
NR7-16	20243662	1	25.4	1.34	34.0	1000	6.9	8.0	203	4000	27.6	0.26

# BR7

## SAE 100R7 (Twin-Line, Non-Conductive) | Thermoplastic



- › Meets or exceeds the performance requirements of: SAE 100R7
- › Twin-Line
- › Non-Conductive

### Application

Medium-pressure, twin-line thermoplastic hose with a non-perforated cover. Compatible with petroleum-, water- and synthetic-based fluids for mobile equipment, lube lines, blowout preventers, hydraulic lifts and construction machinery requiring SAE 100R7 non-conductivity standards.

### Inner Tube

Polyester

### Reinforcement

Synthetic fiber

### Cover

Orange urethane

### Temperature Range

-65°F to 212°F (-54°C to 100°C)  
 Note: Max temperature for water-based and fire-resistant fluids is 150°F (66°C).

### Fitting Reference

All fittings compatible with the BR7 hose family are listed in Section 2 (starting on page 91) of the catalog.

### Branding

Example: Continental ContiTech BR7-04 SAE 100R7 (Non-Conductive) 1/4" (6.4mm) W.P. 2750 psi (19 MPa)

Descriptive #/ Product #	SAP #	Hose Size ID		Hose OD		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight lbs./ft.
		in.	mm	in.	mm	psi	MPa	in.	mm	psi	MPa	
BR7-04	20243684	1/4	6.4	0.49	12.3	2750	19.0	1.3	33	11000	75.8	0.12
BR7-05	20243685	5/16	7.9	0.58	14.7	2500	17.2	1.8	46	10000	68.9	0.15
BR7-06	20243686	3/8	9.5	0.64	16.1	2250	15.5	2.0	51	9000	62.1	0.19
BR7-08	20243687	1/2	12.7	0.82	20.7	2250	15.5	3.0	76	9000	62.1	0.29

## SR8

## SAE 100R8/EN 855 R8 | Thermoplastic



Exceeds SAE Min. Bend Radius

› Meets or exceeds the performance requirements of: SAE 100R8; EN 855 R8

**Application**

High-pressure thermoplastic hose with a perforated cover for petroleum-, water- and synthetic-based fluids for mobile equipment, lube lines, blowout preventers, hydraulic lifts and construction machinery.

**Inner Tube**

Nylon

**Reinforcement**

Synthetic fiber

**Cover**

Black urethane, perforated

**Temperature Range**

-40°F to 212°F (-40°C to 100°C)  
Note: Max temperature for water-based and fire-resistant fluids is 150°F (66°C).

**Fitting Reference**

All fittings compatible with the SR8 hose family are listed in Section 2 (starting on page 91) of the catalog.

**Branding**

Example: Continental ContiTech SR8-03 SAE 100R8/EN 855 R8 3/16" (DN05) W.P. 5000 psi (34.5 MPa)

Descriptive #/ Product #	SAP #	Hose Size ID		Hose OD		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight lbs./ft.
		in.	mm	in.	mm	psi	MPa	in.	mm	psi	MPa	
SR8-03	20243672	3/16	05	0.52	13.1	5000	34.5	1.5	38	20000	137.9	0.08
SR8-04	20243673	1/4	06	0.63	15.9	5000	34.5	2.0	51	20000	137.9	0.12
SR8-06	20243674	3/8	10	0.77	19.4	4000	27.6	2.5	64	16000	110.3	0.15
SR8-08	20243675	1/2	12	0.89	22.7	3500	24.1	4.0	102	14000	96.5	0.19

## TR8

## SAE 100R8 (Twin-Line) | Thermoplastic



› Meets or exceeds the performance requirements of: SAE 100R8  
› Twin-Line

**Application**

High-pressure, twin-line thermoplastic hose with a perforated cover. Compatible with petroleum-, water- and synthetic-based fluids for mobile equipment, lube lines, blowout preventers, hydraulic lifts and construction machinery.

**Inner Tube**

Nylon

**Reinforcement**

Synthetic fiber

**Cover**

Black urethane, perforated

**Temperature Range**

-40°F to 212°F (-40°C to 100°C)  
Note: Max temperature for water-based and fire-resistant fluids is 150°F (66°C).

**Fitting Reference**

All fittings compatible with the TR8 hose family are listed in Section 2 (starting on page 91) of the catalog.

**Branding**

Example: Continental ContiTech TR8-06 SAE 100R8 3/8" (9.5mm) W.P. 4000 psi (27.6 MPa)

Descriptive #/ Product #	SAP #	Hose Size ID		Hose OD		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight lbs./ft.
		in.	mm	in.	mm	psi	MPa	in.	mm	psi	MPa	
TR8-06	20243679	3/8	9.5	0.77	19.4	4000	27.6	2.5	64	16000	110.3	0.30
TR8-08	20416222	1/2	12.7	0.89	22.7	3500	24.1	4.0	102	14000	96.5	0.38

## NR8

## SAE 100R8 (Non-Conductive) | Thermoplastic



- › Meets or exceeds the performance requirements of: SAE 100R8
- › Non-Conductive

**Application**

High-pressure thermoplastic hose with a non-perforated cover. Compatible with petroleum-, water- and synthetic-based fluids for mobile equipment, lube lines, blowout preventers, hydraulic lifts and construction machinery requiring SAE 100R8 non-conductivity standards.

**Inner Tube**

Nylon

**Reinforcement**

Synthetic fiber

**Cover**

Orange urethane

**Temperature Range**

-40°F to 212°F (-40°C to 100°C)  
Note: Max temperature for water-based and fire-resistant fluids is 150°F (66°C).

**Fitting Reference**

All fittings compatible with the NR8 hose family are listed in Section 2 (starting on page 91) of the catalog.

**Branding**

Example: Continental ContiTech NR8-04 SAE 100R8 (Non-conductive) 1/4" (6.4mm) W.P. 5000 psi (34.5 MPa)

Descriptive #/ Product #	SAP #	Hose Size ID		Hose OD		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight
		in.	mm	in.	mm	psi	MPa	in.	mm	psi	MPa	
NR8-04	20243676	1/4	6.4	0.63	15.9	5000	34.5	2.0	51	20000	137.9	0.12
NR8-06	20243677	3/8	9.5	0.77	19.4	4000	27.6	2.5	64	16000	110.3	0.15
NR8-08	20243678	1/2	12.7	0.89	22.7	3500	24.1	4.0	102	14000	96.5	0.19

## SR18

## SAE 100R18 | Thermoplastic



Flexible at Low Temp

- › Meets or exceeds the performance requirements of: SAE 100R18
- › Low Temperature

**Application**

Thermoplastic hose, highly flexible even in cold temperatures. Compact size with a small OD and lightweight yet rugged construction. Applications for this hose include forklifts, construction equipment, general hydraulic applications, chemical and gas transfer, agricultural equipment, material handling, freezer applications, machine tools and robotics, lubrication equipment and portable hydraulic tools.

**Inner Tube**

Polyester

**Reinforcement**

Synthetic fiber

**Cover**

Polyester

**Temperature Range**

-40°F to 212°F (-40°C to 100°C)  
Note: Max temperature for water-based and fire-resistant fluids is 150°F (66°C)

**Fitting Reference**

All fittings compatible with the SR18 hose family are listed in Section 2 (starting on page 91) of the catalog.

**Branding**

Example: Continental ContiTech SR18-04 SAE 100R18 1/4" (6.4mm) W.P. 3000 psi (20.7 MPa)

Descriptive #/ Product #	SAP #	Hose Size ID		Hose OD		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight
		in.	mm	in.	mm	psi	MPa	in.	mm	psi	MPa	
SR18-04	20243680	1/4	6.4	0.49	12.3	3000	20.7	1.3	32	12000	82.7	0.06
SR18-05	20243681	5/16	7.9	0.61	15.5	3000	20.7	1.5	38	12000	82.7	0.08
SR18-06	20243682	3/8	9.5	0.66	16.8	3000	20.7	2.0	51	12000	82.7	0.12
SR18-08	20243683	1/2	12.7	0.85	21.6	3000	20.7	3.5	89	12000	82.7	0.15