



Thermoplastic Hoses

SAE 100R7 Thermoplastic Hose



Interchanges with:

- Synflex 3130
- Parker 510D
- Gates TH7
- Aeroquip FC372
- Weatherhead H436

Tube: Thermoplastic Elastomer

Cover: Polyurethane, black (Pinpricked)

Reinforcement: One layer of braided synthetic fiber

Temp Range: Continuous -40°C to 100°C. Not to exceed 70°C for air and water-based fluids

Applications: Medium pressure hydraulic lines 70 to 210 bar. Suitable for hydraulic applications with increased resistance to abrasion for use with petroleum, synthetic or water-based fluids in hydraulic systems. Suitable for agricultural machinery, earthmoving, articulating & telescopic booms and material handling equipment. Also suitable for industrial gases and other applications.

Part Number	ID Inch	OD Inch	Working Pressure PSI	Burst Pressure PSI	List Price \$/Ft
1/8" SAE 100R7	1/8	0.32	3000	12000	\$2.21
3/16" SAE 100R7	3/16	0.405	3000	12000	\$3.02
1/4" SAE 100R7	1/4	0.49	2750	11000	\$3.54
5/16" SAE 100R7	5/16	0.56	2500	10000	\$3.84
3/8" SAE 100R7	3/8	0.62	2250	9000	\$4.05
1/2" SAE 100R7	1/2	.76	2050	8200	\$6.13

SAE 100R7 Non-Conductive



Interchanges with:

- Synflex 37NC
- Parker 518D
- Gates TH7NC
- Aeroquip FC373
- Weatherhead H435

Tube: Thermoplastic Elastomer

Cover: Polyurethane, black (Non-Pinpricked)

Reinforcement: One layer of braided synthetic fiber

Temp Range: Continuous -40°C to 100°C. Not to exceed 70°C for air and water-based fluids

Applications: Medium pressure hydraulic lines 70 to 210 bar. Suitable for hydraulic applications with increased resistance to abrasion for use with petroleum, synthetic or water-based fluids in hydraulic systems. Suitable for agricultural machinery, earthmoving, articulating & telescopic booms and material handling equipment. Also suitable for industrial gases and other applications.

Part Number	ID Inch	OD Inch	Working Pressure PSI	Burst Pressure PSI	List Price \$/Ft
1/8" NC SAE 100R7	1/8	0.32	3000	12000	\$2.44
3/16" NC SAE 100R7	3/16	0.405	3000	12000	\$3.32
1/4" NC SAE 100R7	1/4	0.49	2750	11000	\$3.90
5/16" NC SAE 100R7	5/16	0.56	2500	10000	\$4.20
3/8" NC SAE 100R7	3/8	0.62	2250	9000	\$4.43
1/2" NC SAE 100R7	1/2	.76	2050	8200	\$6.71