



# ThermoPlastic Hydraulic Hose and Fittings



## SAE 100R7 Medium Pressure

Black Part Number	Non-Conductive		Hose ID (inches)	Hose OD (inches)	Rated WP (psi)	Minimum Burst (psi)	Minimum Bend Radius (inches)
	Orange Part Number						
3107-04	3207-04		1/4	.490	2,750	11,000	1.3
3107-05	3207-05		5/16	.560	2,500	10,000	1.8
3107-06	3207-06		3/8	.620	2,250	9,000	2.2
3107-08	3207-08		1/2	.760	2,050	8,200	3.1

**Application:** Medium pressure use with petroleum, synthetic, or water based fluids in hydraulic systems.

**Tube:** Thermoplastic elastomer

**Reinforcement:** One synthetic fiber braid

**Cover:** Black or Orange polyurethane

**Temperature:** -40°F to +248°F (-40°C to +120°C)

**Branding:** "NRP-JONES 3X07 SAE 100R7 W.P. 2XX0 PSI"

**Packaging:** One piece 200 foot coil

## SAE 100R8 High Pressure

Black Part Number	Non-Conductive		Hose ID (inches)	Hose OD (inches)	Rated WP (psi)	Minimum Burst (psi)	Minimum Bend Radius (inches)
	Orange Part Number						
3108-04	3208-04		1/4	.490	5,000	20,000	1.3
3108-05	3208-05		5/16	.560	4,300	17,200	1.8
3108-06	3208-06		3/8	.620	4,000	16,000	2.2
3108-08	3208-08		1/2	.760	3,500	14,000	3.1

**Application:** High pressure use with petroleum, synthetic, or water based fluids in hydraulic systems.

**Tube:** Thermoplastic elastomer

**Reinforcement:** One synthetic fiber braid

**Cover:** Black or Orange polyurethane

**Temperature:** -40°F to +212°F (-40°C to +100°C)  
not to exceed 158°F (70°C) for air and water based fluids

**Branding:** "NRP-JONES 3X08 SAE 100R8 W.P. XX00 PSI"

**Packaging:** One piece 200 foot coil