

# 3800

## High Pressure

Meets SAE 100R8 performance



# Part Number	Hose Size	Hose I.D.		Hose O.D.		Max. Operating Pressure		Burst Pressure		Min. Bend Radius		Weight		
		DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft
<b>3800-02</b>	-02	3	3,2	0.13	8,5	0.34	413	6,000	1,655	24,000	20,0	0.81	0,04	0.03
<b>3800-03</b>	-03	5	4,8	0.19	11,0	0.43	345	5,000	1,379	20,000	38,0	1.50	0,09	0.06
<b>3800-04</b>	-04	6	6,4	0.25	13,5	0.53	345	5,000	1,379	20,000	51,0	2.00	0,12	0.08
<b>3800-06</b>	-06	10	9,5	0.38	16,9	0.67	276	4,000	1,103	16,000	64,0	2.50	0,16	0.11
<b>3800-08</b>	-08	12	12,7	0.50	21,3	0.84	240	3,500	965	14,000	102,0	4.00	0,22	0.15

### Construction:

**Tube:** Nylon

**Reinforcement:** Braided, high-tensile aramid fiber

**Cover:** Black, perforated polyurethane

### Operating Parameters:

Temperature Range

-40°C to +100°C  
(-40°F to +212°F)

or

-40°C to +66°C  
(-40°F to +150°F)  
with water-based, or fire-resistant, fluids

Change in working length that working PSI  $\pm 2\%$

### Applications:

- General hydraulics
- Machine tools
- Mobile equipment
- Agricultural equipment
- Marine steering

### Features:

- 100R8 performance with 100R7 dimensions for fitting versatility
- Low volumetric expansion

### Fitting Reference

903 (-03 to -08)

90A SS (-3 to -08)

98E\* (-02)