



Meets SAE 100R8 specification

APPLICATIONS

- General hydraulic systems
- Hydraulic tools
- Mobile equipment
- High pressure pneumatic systems
- High pressure chemical transfer

FEATURE

- Long life in impulse cycling and flexing
- Designed for permanent or reusable fittings

TUBE

- Nylon core

REINFORCEMENT

- Braided synthetic fiber

COVER

- Perforated polyurethane

COLOUR

- Black

TEMPERATURE RANGE

- -40°F (-40°C) to 212° F (100°C)
- 150°F (66°C) with water-based or fire-resistant fluids

Part Number	Nominal I.D Ø		Maximum O.D Ø		Working Pressure		Bursting Pressure		Bending Radius		Weight		Swage Die*	Die & Fitting Chart Permanent Fitting Series	
	in	mm	in	mm	bar	psi	bar	psi	in	mm	lbs 100 ft	kg/ 100 m		Zinc Plated	Stainless Steel
3R80-03003	3/16	4.8	0.515	13.1	345	5,000	1,379	20,000	1-1/2	38	7.7	11.5	H03	90H/J	90L
3R80-04003	1/4	6.4	0.625	15.9	345	5,000	1,379	20,000	2	51	11.8	17.6	H04	90H/J	90L
3R80-06003	3/8	9.5	1.765	19.4	276	4,000	1,103	16,000	2-1/2	64	14.8	22.0	H06	90H/J	90L
3R80-08003	1/2	12.7	0.892	22.7	241	3,500	965	14,000	4	102	19	28.3	H08	90H/J	90L
3R80-12003	3/4	19.1	1.138	28.9	155	2,250	620	9,000	6-12	165	25.6	38.1	H12	90H/J	90L
3R80-16003	1	25.4	1.468	37.3	138	2,000	552	8,000	10	254	38.5	57.3	H16	90H/J	90L

* Standard box in 250ft length, except for 3/4" and 1" in 200ft

* Continuous length available, please consult sales office

* Part No. 4540