



# 3R80

## EXCEEDS SAE 100R8

THERMOPLASTIC - MEDIUM PRESSURE

### General applications

#												
	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m	
3R80-03	5	-03	4.8	3/16	13.1	350	5,100	1400	20,400	38.0	0.11	
3R80-04	6	-04	6.4	1/4	15.9	350	5,100	1400	20,400	51.0	0.12	
3R80-06	10	-06	9.5	3/8	19.4	280	4,050	1120	16,200	64.0	0.22	
3R80-08	12	-08	12.7	1/2	22.7	245	3,550	980	14,200	102.0	0.28	
3R80-12	19	-12	19.1	3/4	28.9	157	2,300	628	9,200	165.0	0.38	

### APPLICATIONS

General hydraulics, machine tools, mobile equipment, agricultural equipment and marine steering.

### FEATURES

- Low volumetric expansion
- High Chemical resistance
- Made in the USA

### CONSTRUCTION

**Core tube:** Nylon.  
**Pressure reinforcement:** Braided, high-tensile aramid fibre.  
**Cover:** Black perforated polyurethane.

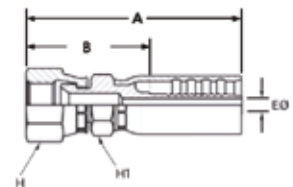
### TEMPERATURE RANGE

-40°C up to +100°C.

### FITTINGS

Female JIC / SAE 37° swivel stainless steel

#						A	B	E∅		
	DN	size	mm	inch						
90L03-045400-0	5	-04	4.7	3/16	7/16 - 20	54.6	35.1	2.8	5/8	9/16
90L04-045400-0	6	-04	6.4	1/4	7/16 - 20	64.2	36.6	4.0	5/8	5/8
90L06-065500-0	10	-06	9.5	3/8	9/16 - 18	71.6	39.6	7.1	3/4	3/4
90L06-085400-0	10	-08	9.5	3/8	3/4 - 16	71.3	39.6	7.1	15/16	3/4
90L08-085400-0	12	-08	12.5	1/2	3/4 - 16	80.0	41.4	9.9	15/16	7/8
90L08-105400-0	12	-10	12.5	1/2	7/8 - 14	80.0	41.4	9.9	1 1/16	7/8
90L12-125500-0	19	-12	19.0	3/4	1 1/16 - 12	87.2	44.5	15.9	1 1/4	1 1/8
90L16-165500-0	25	-16	25.0	1	1 5/16 - 12	103.0	49.3	20.6	1 1/2	1 3/8



**Please Note:** Variety of fittings in mild steel or stainless steel available, other fittings available on request. We reserve the right to make technical changes without notice.