







# High pressure hose

3R80

Meets SAE 100 R8 Specifications



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Part number	Hose I.D.			Hose O.D. max		Max operating pressure		Burst pressure		Minimum bend radius		Weight	
	DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft
3R80-03	5	4.8	0.19	13.1	0.52	350	5100	1400	20400	38	1.50	0.11	0.08
3R80-04	6	6.4	0.25	15.9	0.63	350	5100	1400	20400	51	2.00	0.18	0.12
3R80-06	10	9.5	0.37	19.4	0.76	280	4050	1120	16200	64	2.50	0.22	0.15
3R80-08	12	12.7	0.50	22.7	0.89	245	3550	980	14200	102	4.00	0.28	0.19
3R80-12	19	19.0	0.75	28.9	1.14	157	2300	628	9200	165	6.50	0.38	0.26
3R80-16	25	25.4	1.00	37.3	1.47	140	2050	560	8200	254	10.00	0.57	0.38

## Construction

- Polyamid core tube
- Synthetic fiber reinforcement
- Perforated polyurethane cover

## Temperature range

- -40°C to +100°C
- (-40°F to +212°F)

## Application

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

## Features

- Long life in impulse cycling and flexing

Approved fittings	Product group code	Example
90H crimp or swage	90H	90H06-06B000
9MH crimp or swage	9MH	9MH06-06B000
90L swage	90L	90L06-065500
9ML swage	9ML	9ML06-065500
TTC + sleeve	1A + FF91064	1A10DL6+FF91064-XX