

3R80

SYNFLEX High pressure

Meets: SAE 100R8 conductive requirements



#	Hose size	Hose I.D.			Nominal Hose O.D.		Maximum operating pressure		Minimum burst pressure		Minimum bend radius		Weight		Length	
		DN	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft	mtr	ft
3R80-03	-03	5	4,8	0.19	13,1	0.52	350	5,100	1,400	20,400	38,0	1.50	0,11	0.08	Bulk	Bulk
3R80-03-250BX	-03	5	4,8	0.19	13,1	0.52	350	5,100	1,400	20,400	38,0	1.50	0,11	0.08	76,2	250
3R80-04	-04	6	6,4	0.25	15,9	0.63	350	5,100	1,400	20,400	51,0	2.00	0,18	0.12	Bulk	Bulk
3R80-04-250BX	-04	6	6,4	0.25	15,9	0.63	350	5,100	1,400	20,400	51,0	2.00	0,18	0.12	76,2	250
3R80-06	-06	10	9,5	0.38	19,4	0.77	280	4,050	1,120	16,200	64,0	2.50	0,22	0.15	Bulk	Bulk
3R80-06-250BX	-06	10	9,5	0.38	19,4	0.77	280	4,050	1,120	16,200	64,0	2.50	0,22	0.15	76,2	250
3R80-08	-08	12	12,7	0.50	22,7	0.90	245	3,550	980	14,200	102,0	4.00	0,28	0.19	Bulk	Bulk
3R80-08-250BX	-08	12	12,7	0.50	22,7	0.90	245	3,550	980	14,200	102,0	4.00	0,28	0.19	76,2	250
3R80-12	-12	19	19,1	0.75	28,9	1.14	157	2,300	628	9,200	165,0	6.50	0,38	0.26	Bulk	Bulk
3R80-12-200BX	-12	19	19,1	0.75	28,9	1.14	157	2,300	628	9,200	165,0	6.50	0,38	0.26	60,9	200
3R80-16	-16	25	25,4	1.00	37,3	1.47	140	2,050	560	8,200	254,0	10.00	0,57	0.39	Bulk	Bulk
3R80-16-200BX	-16	25	25,4	1.00	37,3	1.47	140	2,050	560	8,200	254,0	10.00	0,57	0.39	60,9	200

Construction

Tube: Nylon

Reinforcement: Braided, synthetic fiber

Cover: Black perforated polyurethane

Operating parameters

-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 at
working PSI $\pm 2\%$

Application

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

Fitting reference

For hose fittings details refer to
Synflex catalog E-HOOV-MC001-E.