

3E80

High Pressure, Non-Conductive

Meets or exceeds SAE 100R8



# Part Number	Hose Size	DN	Hose I.D.		Hose O.D.		Max. Operating Pressure		Burst Pressure		Min. Bend Radius		Weight		Length	
			mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft	m	ft
3E80-03	-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
3E80-04	-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
3E80-04-250BX	-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
3E80-06	-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
3E80-06-250BX	-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
3E80-08	-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
3E80-08-250BX	-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
3E80-12‡	-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
3E80-16‡	-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

‡Run to order (RTO) hose.

Construction:

Tube: Nylon

Reinforcement: Braided synthetic fiber

Cover: Orange, non-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 at
working PSI ±2%

Applications:

- General hydraulic systems that may contact high voltage sources
- Aerial equipment
- Mobile machinery
- Rescue tools

Features:

- SAE J517 non-conductive hose construction
- Less than 50 micro-amperes leakage when subjected to 75,000 volts/ft for five minutes