



Premium

H180

Core premium
one wire braided hose

Meets or exceeds:

SAE 100R1 | SAE 100R17 | EN 857 Type 15C performance | ISO 1436 15N | ISO 18752

Weatherhead by Danfoss **H18006** 9.5 mm (0.38 in) DN10 **Dura-Tuff** Exceeds EN 857 15C Performance / SAE 100R17 - DNV ISO 1436 15N - ISO 18752 - MSHA IC-84/19 - ABS - USCG **235 BAR (3400 PSI)** -46°C to +126°C (-50°F to +260°F) **Std. Bend**

Typical application:

Petroleum and fire-resistant hydraulic fluids, fuel and lubricating oils, gasoline, water and other industrial fluids

Agency specifications:

ABS | DNV | MSHA | USCG

Hose construction:

Inner tube:
Nitrile

Reinforcement:
One wire braid

Cover:
Dura-Tuff
premium abrasion

Operating temperature:

-46°C to +126°C (-50°F to +260°F)

Qualified fittings:

Z series | 1R series (-4, -6, -8, -12, -16)

PART #	SIZE DIMENSIONS				PRESSURE				BEND		WEIGHT	
	Hose I.D.		Hose O.D. (nominal)		Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft
H18003	4,8	0.19	10,9	0.43	250,0	3,650	1000	14,500	45,0	1.77	0,16	0.11
H18004	6,4	0.25	12,9	0.51	255,0	3,700	1020	14,800	50,0	1.97	0,21	0.14
H18005	7,9	0.31	14,1	0.55	225,0	3,250	900	13,000	55,0	2.17	0,22	0.15
H18006	9,5	0.38	16,3	0.64	235,0	3,400	940	13,600	63,0	2.48	0,31	0.21
H18008	12,7	0.50	19,9	0.78	221,0	3,200	883	12,800	90,0	3.54	0,43	0.29
H18010	15,9	0.62	22,3	0.88	140,0	2,025	559	8,100	100,0	3.94	0,44	0.29
H18012	19,0	0.75	26,0	1.02	138,0	2,000	552	8,000	120,0	4.72	0,56	0.37
H18016	25,4	1.00	34,0	1.34	103,0	1,500	414	6,000	150,0	5.91	0,84	0.56
H18020	31,8	1.25	41,5	1.63	69,0	1,000	276	4,000	210,0	8.27	1,01	0.68
H18024	38,1	1.50	47,9	1.89	52,0	750	207	3,000	250,0	9.84	1,23	0.83
H18032	50,8	2.00	64,0	2.52	41,0	600	166	2,400	315,0	12.40	2,01	1.32