



Premium

EC881

Core premium Dynamax ultra-performance
two wire braided hose

Exceeds: SAE 100R16 | SAE 100R19 | EN 857 2SC | ISO 18752



Typical application:

Hydraulic systems with petroleum and water-based fluids, for general industrial service.

This Dynamax ultra-performance hose with the Danfoss Dura-Pulse inner tube combines the lightweight flexibility of a two-wire braided hose with the pressure and performance of spiral 100R12 hoses (-16 and smaller).

Agency specifications: ABS | DNV | MSHA

Hose construction:	Inner tube:	Reinforcement:	Cover:
	Dura-Pulse patented tube	Two wire braid	Dura-Tuff premium abrasion

Operating temperature:
-46°C to +126°C (-50°F to +260°F)
-46°C to +70°C (-50 to +158°F) for water based hyd. fluids
0°C to +70°C (+32°F to 158°F) for water

Qualified fittings: 1A series

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
EC881-4	6.4	0.25	13,6	0.54	450	6,525	1,800	26,100	33,0	1.30	0,32	0.22
EC881-6	9.5	0.38	17,3	0.68	400	5,800	1,600	23,200	42,0	1.65	0,42	0.28
EC881-8	12.7	0.50	17,3	0.68	360	5,220	1,440	20,880	60,0	2.36	0,58	0.39
EC881-10	15.9	0.62	24,0	0.94	350	5,075	1,400	20,300	68,0	2.68	0,75	0.50
EC881-12	19.0	0.75	27,9	1.10	330	4,785	1,320	19,140	80,0	3.15	1,03	0.69
EC881-16	25.4	1.00	34,6	1.36	280	4,060	1,120	16,240	150,0	5.91	1,47	0.99
EC881-20	31.8	1.25	43,4	1.71	172	2,500	688	9,980	210,0	8.27	1,75	1.18
EC881-24	38.1	1.50	51,8	2.04	138	2,000	552	8,000	250,0	9.84	1,91	1.28