



EC881 | Premium Dynamax® ultra-performance two wire braided hose

Exceeds: SAE 100R16 Type S | EN 857 2SC | ISO 11237-1 Type 2SC

EC881-6 9.5 MM (0.38 IN) DN10 Exceeds SAE 100R16 / 100R17 / EN857 2SC ISO 11237-1 DNV - MSHA IC-64/54 400 BAR (5800 PSI) -40°C to +120°C (-40°F to +250°F) 1/3 Bend 1A

Typical application:

Low & medium pressure hydraulic systems, petroleum & water-based fluids, construction equipment, agriculture equipment. 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). For high abrasion applications select Bruiser cover. Extra demanding applications requiring high performance- EC881 offers one million impulse cycle performance and 1/3 SAE bend radius.

Agency specifications: MSHA | ABS | DNV

Hose construction:	Inner tube: Dura-Pulse™ patented tube	Reinforcement: Two wire braid	Cover: 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 (-4 to -32)		

PART #	SIZE DIMENSIONS					PRESSURE				BEND		WEIGHT	
	Hos		Hose O.D. (nominal)			Working Pressure		Min. Burst pressure		Min. Bend Radius		Weight	
	DN	mm	In	mm	In	bar	psi	bar	psi	mm	In	kg/m	lbs/ft
EC881-4	6	6.4	0.25	14.2	0.56	450	6,525	1,800	26,100	33	1.30	0.32	0.22
EC881-5	8	7.9	0.31	16	0.63	400	5,800	1,600	23,200	38	1.50	0.38	0.26
EC881-6	10	9.5	0.38	18.3	0.72	400	5,800	1,600	23,200	42	1.65	0.42	0.28
EC881-8	12	12.7	0.50	21.5	0.85	360	5,220	1,440	20,880	60	2.36	0.58	0.39
EC881-10	16	15.9	0.63	24.7	0.97	350	5,075	1,400	20,300	68	2.68	0.75	0.50
EC881-12	19	19	0.75	28.6	1.13	330	4,785	1,320	19,140	80	3.15	1.03	0.69
EC881-16	25	25.4	1.00	36.6	1.44	280	4,060	1,120	16,240	150	5.91	0.47	0.99
EC881-20	31	31.8	1.25	44.3	1.74	172	2,500	688	9,980	210	8.27	1.75	1.18
EC881-24	38	38.1	1.50	52.8	2.08	138	2,000	552	8,000	250	9.84	1.91	1.28
EC881-32	51	50.8	2.00	65.5	2.58	110	1,600	440	6,400	315	12.40	2.62	1.76

Also available with Bruiser ultra-abrasion resistant cover for the highest abrasion protection

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Core | Premium | Standard | Braided | Spiral | High-Temp | Low-Temp | Abrasion | Suction