



# EC881

Core premium Dynamax ultra-performance two wire braided hose

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

	<b>EC881-6</b>	9.5 MM (0.38 IN) DN10	Dura-Tuff Dynamax	Exceeds SAE 100R16 / 100R19 / EN 857 2SC ISO 18752 • ABS • DNV • MSHA IC 84/56	<b>400 BAR (5800 PSI)</b>	-46°C to +126°C -50°F to +260°F	1/3 Bend	1A
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### 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).

<b>Agency specifications:</b>	MSHA   ABS   DNV		
<b>Hose construction:</b>	<b>Inner tube:</b> Dura-Pulse patented tube	<b>Reinforcement:</b> Two wire braid	<b>Cover:</b> Dura-Tuff premium abrasion
<b>Operating temperature:</b>	-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		
<b>Qualified fittings:</b>	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
<b>EC881-4</b>	6.4	0.25	13.6	0.54	450	6,525	1800	26,100	33	1.30	0.32	0.22
<b>EC881-6</b>	9.5	0.38	17.3	0.68	400	5,800	1600	23,200	42	1.65	0.42	0.28
<b>EC881-8</b>	12.7	0.50	20.9	0.82	360	5,220	1440	20,880	60	2.36	0.58	0.39
<b>EC881-10</b>	15.9	0.62	24.0	0.94	350	5,075	1400	20,300	68	2.68	0.75	0.50
<b>EC881-12</b>	19.0	0.75	27.9	1.10	330	4,785	1320	19,140	80	3.15	1.03	0.69
<b>EC881-16</b>	25.4	1.00	34.6	1.36	280	4,060	1120	16,240	150	5.91	1.47	0.99
<b>EC881-20</b>	31.8	1.25	43.4	1.71	172	2,500	688	9,980	210	8.27	1.75	1.18
<b>EC881-24</b>	38.1	1.50	51.8	2.04	138	2,000	552	8,000	250	9.84	1.91	1.28

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