



Ultra-abrasion



EC881B

Core premium Bruiser Dynamax ultra-performance
ultra-abrasion two wire braided hose

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

 **EC881B-6** 9.5 MM (0.38 IN) DN10 **Bruiser Dynamax** Exceeds SAE 100R16 / 100R19 / EN857 2SC ISO 18752 - DNV - MSHA IC-84/54 **400 BAR (5800 PSI)** -40°C to +126°C (-40°F to +260°F) 1/3 Bend **1A** 

Typical application:

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). Extra demanding applications requiring high performance EC881 offers one million impulse cycle performance and 1/3 SAE bend radius With Bruiser cover this hose offers seven hundred times higher abrasion resistance for challenging applications.

Agency specifications:

MSHA | DNV

Hose construction:	Inner Tube:	Reinforcement:	Cover:
	Dura-Pulse™ patented tube	Two wire braid	Bruiser ultra-abrasion
Operating temperature:	-40°C to +126°C (-40°F to +260°F) for petroleum based hyd. fluids -40° C to +70° C (-40°F 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	
#	Hose I.D.			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
EC881B-4	6	6.4	0.25	13.6	0.54	450	6,525	1,800	26,100	33	1.30	0.32	0.22
EC881B-5	8	7.9	0.31	15.4	0.61	400	5,800	1,600	23,200	38	1.50	0.38	0.26
EC881B-6	10	9.5	0.38	17.3	0.68	400	5,800	1,600	23,200	42	1.65	0.43	0.29
EC881B-8	12	12.7	0.50	20.9	0.82	360	5,220	1,440	20,880	60	2.36	0.59	0.40
EC881B-10	16	15.9	0.62	24.0	0.94	350	5,075	1,400	20,300	68	2.68	0.77	0.52
EC881B-12	19	19.0	0.75	27.9	1.10	330	4,785	1,320	19,140	80	3.15	1.04	0.70
EC881B-16	25	25.4	1.00	34.6	1.36	280	4,060	1,120	16,240	150	5.91	1.43	0.96
EC881B-20	31	31.8	1.25	43.4	1.71	172	2,500	688	9,980	210	8.27	1.79	1.20
EC881B-24	38	38.1	1.50	51.8	2.04	138	2,000	552	8,000	250	9.84	1.96	1.32
EC881B-32	51	50.8	2.00	64.0	2.52	110	1,600	440	6,400	315	12.40	2.69	1.81