



Premium hose
EC850



EC850

Premium Dynamax ultra-performance
four & six wire spiral hose

Meets: SAE 100R15 | EN 856 R13 | ISO 18752

EC850-12

19.0 mm (0.75 in)
DN19

Dura-Tuff
Dynamax

Exceeds SAE 100R15 / EN 856 R13 Type
ISO 18752 • MSHA IC-84/56

500 BAR (7250 PSI)

-40°C to +100°C
-40°F to +212°F

1W

Typical application:

- Ultra high pressure
- Hydraulic systems with petroleum and water-glycol based fluids
- Lubricating oils and water

Agency specifications:	MSHA		
Hose construction:	Inner tube:	Reinforcement:	Cover:
	Nitrile	Four wire spiral (-10, -12, -16) Six wire spiral (-20)	Dura-Tuff premium abrasion
Operating temperature:	-40°C to +100°C (-40°F to +212°F)		
Qualified fittings:	1W 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
EC850-10	15,9	0.62	27,9	1.10	500	7,250	2,000	29,000	200,0	7.87	1,23	0.82
EC850-12	19,0	0.75	32,2	1.27	500	7,250	2,000	29,000	215,0	8.46	1,52	1.01
EC850-16	25,4	1.00	39,2	1.54	500	7,250	2,000	29,000	270,0	10.63	2,31	1.54
EC850-20**	31,8	1.25	49,4	1.94	500	7,250	2,000	29,000	380,0	14.96	4,01	2.69

** Six wire spiral