



Premium core hose EC810



Low-Temp

EC810

Core premium low-temp
four & six wire spiral hose

Meets or exceeds: SAE 100R15 | EN 856 4SH Performance

	EC810-12	19.0 mm (0.75 in) DN19	Low-Temp	MSHA IC-84/19	420 BAR (6100 PSI)	-57°C to +100°C -70°F to +212°F	4S
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Typical application:

Fluids for low temperature applications.
Hydraulic systems with petroleum-based
fluids

Agency specifications:

MSHA

Hose construction:

Inner tube:
Nitrile

Reinforcement:
Four wire spiral (-12 to -16)
Six wire spiral (-20 to -32)

Cover:
Nitrile

Operating temperature:

-57°C to +100°C (-70°F to +212°F)

Qualified fittings:

4S series (-12 to -16) | 6S series (-20 to -32)

PART	SIZE DIMENSIONS				PRESSURE				BEND		WEIGHT	
#	Hose I.D.		Hose O.D. (nominal)		Working Pressure	Min. Burst Pressure	Min. Burst Pressure	Min. Burst Pressure	Min. Bend Radius		Weight	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft
EC810-12	19,0	0.75	32,2	1.27	420	6,100	1,680	24,360	280,0	11.02	1,61	1.08
EC810-16	25,4	1.00	39,0	1.54	420	6,100	1,680	24,360	340,0	13.39	2,02	1.36
EC810-20**	31,8	1.25	49,4	1.94	420	6,100	1,680	24,360	420,0	16.54	3,55	2.39
EC810-24**	38,1	1.50	57,3	2.26	420	6,100	1,680	24,360	510,0	20.08	4,74	3.19
EC810-32**	50,8	2.00	71,7	2.82	350	5,100	1,400	20,400	630,0	24.80	6,70	4.50

**Six wire spiral

Core

Premium

Standard

Braided

Spiral

High-Temp

Low-Temp

Abrasion

Suction