



# EC600

Core premium X-Flex  
four & six wire spiral hose

Meets or exceeds: SAE 100R15 | ISO 18752

by Danfoss	<b>EC600-12</b>	19.0 MM (0.75 IN) DN19	Dura-Tuff X-Flex	Exceeds SAE 100R15 • ISO 18752 MSHA IC-84/19 • ABS • DNV • USCG+	420 BAR (6100 PSI)	-40°C to +127°C -40°F to +260°F	Half Bend	1W <b>4S</b>
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### Typical application:

High pressure hydraulic circuits on mobile construction equipment, mining equipment, and industrial applications for pressures up to 420 bar.

<b>Agency specifications:</b>	MSHA   ABS   DNV   USCG		
<b>Hose construction:</b>	<b>Inner tube:</b> Dura-Pulse patented inner tube	<b>Reinforcement:</b> Four wire spiral (-12 to -16) Six wire spiral (-20 to -32)	<b>Cover:</b> Dura-Tuff premium abrasion
<b>Operating temperature:</b>	-40°C to +127°C (-40°F to +260°F)		
<b>Qualified fittings:</b>	4S series (-12 to -16)   6S series (-20 to -32)   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
<b>EC600-12</b>	19.0	0.75	32.2	1.27	420	6,100	1,680	24,400	135	5.31	1.52	1.01
<b>EC600-16</b>	25.4	1.00	38.6	1.52	420	6,100	1,680	24,400	165	6.5	2.04	1.36
<b>EC600-20**</b>	31.8	1.25	49.7	1.96	420	6,100	1,680	24,400	225	8.86	3.89	2.61
<b>EC600-24**</b>	38.1	1.50	57.5	2.26	420	6,100	1,680	24,400	265	10.43	4.83	3.24
<b>EC600-32**</b>	50.8	2.00	71.0	2.79	420	6,100	1,680	24,400	375	14.76	7.1	4.77

\*\*Six wire spiral