



FC500

Core premium X-Flex®
four and six wire spiral hose

Meets or exceeds: SAE 100R13 | EN 856 R13 | ISO 3862 R13

FC500-16

25.4 mm (1.00 in)
DN25

Dura-Tuff
X-Flex

Exceeds SAE 100R13 / EN 856 R13 / ISO 3862 R13
MSHA IC-84/19 • DNV • USCG

350 BAR (5100 PSI)

-40°C to +127°C
-40°F to +260°F

Half Bend

4S

Typical application:

High pressure hydraulic system service with petroleum and water-base fluids for applications where extra flexibility needed.

Agency specifications: MSHA | USCG

Hose construction:	Inner Tube: Synthetic rubber	Reinforcement: Four wire spiral (-12 to -24) Six wire spiral (-32)	Cover: Dura-Tuff premium abrasion
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Operating temperature: -40°C to +127°C (-40°F to +260°F)

Qualified fittings: 4S (-12 to -24) | 6S (-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
FC500-12	19	19.0	0.75	31.0	1.22	350	5,100	1,400	20,400	121	4.75	1.28	0.86
FC500-16	25	25.4	1.00	38.4	1.51	350	5,100	1,400	20,400	152	6.00	1.85	1.24
FC500-20	31	31.8	1.25	45.5	1.79	350	5,100	1,400	20,400	210	8.25	2.50	1.68
FC500-24	38	38.1	1.50	53.5	2.11	350	5,100	1,400	20,400	254	10.00	3.38	2.27
FC500-32	51	50.8	2.00	71.8	2.83	350	5,100	1,400	20,400	476	18.75	6.07	4.08