



FC273B

Core premium Bruiser ultra-abrasion
four & six wire spiral hose

Exceeds: SAE 100R13 | EN 856 R13 | ISO 3862

by Danfoss	FC273B-12	19.0 mm (0.75 in) DN19	Bruiser	Exceeds SAE 100R13 / EN 856 R13 ISO 3862 - MSHA IC-84/71	350 BAR (5100 PSI)	-40°C to +121°C -40°F to +250°F	1E 4S
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Typical application:

High abrasion industrial and hydraulic system applications with petroleum and water-based fluids

Recommended for use on critical applications in construction, forestry, and other off-highway vehicles

Bruiser ultra-abrasion outer cover offers unmatched abrasion resistance

Agency specifications:	MSHA		
Hose construction:	Inner tube: Nitrile	Reinforcement: Four wire spiral (-12 to -16) Six wire spiral (-20 to -32)	Cover: Bruiser ultra-abrasion
Operating temperature:	-40°C to +121°C (-40°F to +250°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. Bend Radius		Weight	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft
FC273B-12	19,0	0.75	32,1	1.26	350,0	5,100	1400,0	20,400	241,0	9.50	1,55	1.04
FC273B-16	25,4	1.00	38,7	1.53	350,0	5,100	1400,0	20,400	305,0	12.00	1,95	1.31
FC273B-20**	31,8	1.25	50,3	1.98	350,0	5,100	1400,0	20,400	419,0	16.50	3,63	2.44
FC273B-24**	38,1	1.50	57,7	2.27	350,0	5,100	1400,0	20,400	508,0	20.00	4,78	3.21
FC273B-32**	50,8	2.00	71,8	2.83	350,0	5,100	1400,0	20,400	635,0	25.00	7,05	4.74

** Six wire spiral