



Standard

EC415 | Winner
four wire spiral hose

Meets: SAE 100R12 | EN 856 R12 | ISO 18752

Winner by Danfoss **EC415-08**

12.7 mm (0.50 in)
DN12

SAE 100R12 • EN 856 R12 • ISO 18752
MSHA IC-84/41 • USCG +

280 BAR (4050 PSI)

-40°C to +121°C
-40°F to +250°F

Half Bend

4S

Typical application:

Hydraulic system service with petroleum and water based fluids, for general industrial service.

Agency specifications:	MSHA USCG		
Hose construction:	Inner tube: Nitrile	Reinforcement: Four wire spiral	Cover: Nitrile
Operating temperature:	-40°C to +121°C (-40°F to +250°F)		
Qualified fittings:	4S 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
EC415-06	9.5	0.38	20.3	0.80	280	4,050	1,120	16,200	63	2.48	0.60	0.40
EC415-08	12.7	0.50	23.8	0.94	280	4,050	1,120	16,200	90	3.54	0.74	0.50
EC415-10	15.9	0.62	27.7	1.09	280	4,050	1,120	16,200	100	3.94	1.03	0.69
EC415-12	19.0	0.75	30.7	1.21	280	4,050	1,120	16,200	120	4.72	1.16	0.78
EC415-16	25.4	1.00	38.0	1.50	280	4,050	1,120	16,200	150	5.91	1.76	1.18
EC415-20	31.8	1.25	47.0	1.85	210	3,050	840	12,200	210	8.27	2.46	1.65
EC415-24	38.1	1.50	53.5	2.11	207	3,000	827	12,000	250	9.84	2.87	1.92
EC415-32	50.8	2.00	66.7	2.63	207	3,000	827	12,000	320	12.60	4.03	2.70

Core | Premium | **Standard** | Braided | **Spiral** | High-Temp | Low-Temp | Abrasion | Suction