



Fortius 1

EXCEEDS SAE 100 R1AT - EN 853 1SN



Application

Very high pressure hose with extreme flexibility. Exceeding SAE 100R1 – EN 853 1SN
Recommended for hydraulic applications where a tighter bend radius is needed. Suitable for passage of mineral and vegetable oils, water-based solutions, water air and inert gases.

	HOSE I.D.				HOSE O.D.		WORKING PRESSURE		BURST PRESSURE		MINIMUM BEND RADIUS		WEIGHT	
	DN	size	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	Kg/m	lbs/ft
11F-05-03	05	-3	4,8	3/16"	11,7	0.46	350	5100	1400	20400	44	1.73	0,21	0.14
11F-06-04	06	-4	6,4	1/4"	13,4	0.52	345	5000	1380	20000	51	2.00	0,25	0.17
11F-08-05	08	-5	7,9	5/16"	15,0	0.59	295	4350	1180	17400	57	2.25	0,27	0.18
11F-10-06	10	-6	9,5	3/8"	16,6	0.65	275	4050	1100	16200	63	2.48	0,33	0.22
11F-12-08	12	-8	12,7	1/2"	20,3	0.79	240	3550	960	14200	89	3.50	0,41	0.28
11F-16-10	16	-10	15,9	5/8"	22,9	0.90	190	2800	760	11200	102	4.02	0,48	0.32
11F-19-12	19	-12	19,0	3/4"	26,5	1.04	155	2300	620	9200	121	4.76	0,58	0.39
11F-25-16	25	-16	25,4	1"	34,7	1.37	140	2050	560	8200	152	6.00	0,72	0.48
11F-31-20	31	-20	31,8	1.1/4"	42,2	1.66	112	1650	448	6600	210	8.27	1,12	0.75

Construction:
Tube: Black synthetic rubber resistant to oils
Reinforcement: One high tensile steel braid
Cover: Black, synthetic rubber resistant to oils, abrasion and weather condition

Temperature:
 -40°C to 100°C (125°C discontinuous)
 -40°F to 212°F (257°F discontinuous)

Version available:
 MSHA COVER
 MSHA HARC COVER
 MSHA ENDLESS COVER
 HARC COVER
 ENDLESS COVER