



DS8

SAE 100 R8 EN855 R8



Application

High pressure thermoplastic hose for hydraulic applications, (also available in twin hose version)
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
108-03-02	03	-2	3,2	1/8"	8,0	0.31	420	6100	1680	24400	25	0.98	0,05	0.03
108-05-03	05	-3	4,8	3/16"	9,0	0.35	350	5100	1400	20400	35	1.38	0,05	0.03
108-06-04	06	-4	6,4	1/4"	11,5	0.45	350	5100	1400	20400	50	1.97	0,09	0.06
108-08-05	08	-5	7,9	5/16"	13,5	0.53	300	4350	1200	17400	55	2.16	0,11	0.07
108-10-06	10	-6	9,5	3/8"	15,5	0.61	280	4000	1120	16000	70	2.76	0,14	0.09
108-12-08	12	-8	12,7	1/2"	20,0	0.79	245	3500	980	14000	95	3.74	0,20	0.13
108-16-10	16	-10	15,9	5/8"	23,5	0.93	195	2750	780	11000	125	4.92	0,26	0.17
108-19-12	19	-12	19,0	3/4"	27,0	1.06	165	2250	660	9000	150	5.90	0,33	0.22
108-25-16	25	-16	25,4	1"	34,5	1.36	140	2000	560	8000	200	7.87	0,44	0.30

Construction:
Tube: Thermoplastic polyester resistant to oils
Reinforcement: Two braids in aramidic fiber
Cover: Thermoplastic elastomer resistant to oils

Temperature:
 -50°C to 100°C (aqueous solution)
 -40°C to 70°C (water, air, petroleum based products, mineral and vegetable oils)
 -58°F to 212°F (aqueous solution)
 -40°F to 158°F (water, air, petroleum based products, mineral and vegetable oils)