



# DS7

SAE 100 R7 EN855 R7



## Application

Low, medium 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
107-03-02	3	-2		1/8"	8,5	0.33	210	3000	840	12000	25	1.38	0,06	0.04
107-05-03	05	-3	4,8	3/16"	10,0	0.39	210	3000	840	12000	35	1.38	0,06	0.04
107-06-04	06	-4	6,4	1/4"	11,5	0.45	200	2900	800	11600	50	1.97	0,09	0.06
107-08-05	08	-5	7,9	5/16"	14,3	0.56	190	2700	760	10800	55	2.16	0,13	0.09
107-10-06	10	-6	9,5	3/8"	16,2	0.63	160	2300	640	9200	75	2.95	0,16	0.10
107-12-08	12	-8	12,7	1/2"	20,4	0.80	140	2000	560	8000	95	3.74	0,22	0.15
107-16-10	16	-10	15,9	5/8"	23,6	0.92	105	1500	420	6000	125	4.92	0,28	0.19
107-19-12	19	-12	19,0	3/4"	26,5	1.04	90	1300	360	5200	150	5.90	0,33	0.22
107-25-16	25	-16	25,4	1"	33,5	1.31	70	1000	280	4000	200	7.87	0,45	0.30

**Construction:**

**Tube:** Thermoplastic polyester resistant to oils  
**Reinforcement:** Two high resistant polyester braids  
**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)

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