



# DS5

SAE 100 R5



## Application

Medium pressure hydraulic petroleum-based oil lines in impulse applications.

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
5PN-05-04	05	-4	4,8	3/16"	13,1	0.51	210	3000	840	12000	76	2.99	0,24	0.16
5PN-06-05	06	-5	6,4	1/4"	14,5	0.57	210	3000	840	12000	85	3.35	0,26	0.17
5PN-08-06	08	-6	7,9	5/16"	17,1	0.67	155	2250	620	9000	100	3.94	0,32	0.21
5PN-10-08	10	-8	10,3	13/32"	19,3	0.76	140	2000	560	8000	115	4.53	0,36	0.24
5PN-12-10	12	-10	12,7	1/2"	23,3	0.91	122	1750	488	7000	140	5.51	0,51	0.34
5PN-16-12	16	-12	15,9	5/8"	27,4	1.07	105	1500	420	6000	165	6.50	0,61	0.41
5PN-22-16	22	-16	22,2	7/8"	31,2	1.23	55	800	220	3200	185	7.28	0,63	0.43
5PN-28-20	28	-20	28,6	1.1/8"	37,9	1.49	43	625	172	2500	230	9.06	0,75	0.50
5PN-35-24	35	-24	34,9	1.3/8"	44,3	1.74	35	500	140	2000	265	10.43	0,82	0.55
5PN-46-32	46	-32	46,0	1.13/16"	55,8	2.20	24	350	96	1400	335	13.19	1,14	0.76

**Construction:**  
**Tube:** Black synthetic rubber resistant to oils  
**Reinforcement:** One textile braid and one high tensile steel braid  
**Cover:** Black, oil resistant, polyester braid

**Temperature:**  
 -40°C to 100°C (125°C discontinuous)  
 -40°F to 212°F (257°F discontinuous)  
**Certifications:**  
 DOT  
 ABS Type Approval  
 MED

## DIESE RUBBER HOSES S.p.A.

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