









# Dytrel 1



## Application

Compact Hose for hydraulic applications requiring high pressure Construction: and low volumetric expansion. Meets or exceeds SAE 100R1 performance.

														
	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
DY1-05-03	05	-3	4,8	3/16"	10,0	0.39	325	4710	1300	18840	30	1.18	0,12	0.08
DY1-06-04	06	-4	6,4	1/4"	11,8	0.46	300	4350	1200	17400	40	1.57	0,16	0.11
DY1-08-05	08	-5	7,9	5/16"	14,1	0.56	240	3480	960	13920	50	1.97	0,19	0.13
DY1-10-06	10	-6	9,5	3/8"	15,8	0.62	225	3260	900	13040	60	2.36	0,23	0.15
DY1-12-08	12	-8	12,7	1/2"	20,6	0.81	190	2760	760	11040	75	2.95	0,30	0.20
DY1-16-10	16	-10	15,9	5/8"	23,5	0.93	150	2175	600	8700	110	4.33	0,33	0.22
DY1-19-12	19	-12	19,0	3/4"	25,6	1.01	130	1885	520	7540	150	5.91	0,44	0.30
DY1-25-16	25	-16	25,4	1"	32,6	1.28	105	1520	420	6080	185	7.28	0,65	0.44

**Construction:**  
**Tube:** Polyester elastomer  
**Reinforcement:** One braid high tensile steel braid  
**Cover:** Polyuretane, black cover

**Temperature:**  
 - 40°C to 100°C (-40°F to 212°F)  
 - 40°C to 70°C (-40°F to 158°F) water based fluids

## DIESE RUBBER HOSES S.p.A.

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