



# Pratissoli

## Technical Infos



## Pressure drops in rubber hoses

Perdite di pressione in bar per una lunghezza del tubo flessibile di 1 m. lineare senza raccordi.

Peso specifico del fluido: 0.85 - Viscosità cinematica: 20 centistokes (cs) a 21°C.

Pressure drops expressed in bar per 1 meter length of linear hose without fittings.

Specific gravity: 0.85 - Viscosity: 20 centistokes (cs) at 21°C (70°F):

Ø	(inch.)	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"	1"1/4	1"1/2	2"	3"
	(mm.)	4.8	6.4	7.9	9.5	12.7	15.9	19.0	25.4	31.8	38.1	50.8	76.2
Portata	1	0.242	0.075										
(l/min.)	2	0.466	0.146	0.066									
Flow	4	0.996	0.293	0.133	0.058								
rate	8	2.433	0.613	0.250	0.117								
(Lpm)	10	3.540	0.880	0.335	0.144	0.045							
	15		1.776	0.660	0.273	0.068	0.027						
	20		3.080	1.129	0.462	0.116	0.041	0.018					
	30			2.159	0.887	0.228	0.082	0.032					
	40					0.379	0.144	0.050	0.014				
	50					0.555	0.192	0.075	0.021				
	60					0.756	0.263	0.111	0.029	0.009			
	70					0.970	0.373	0.154	0.037	0.013			
	80					1.250	0.475	0.200	0.049	0.016	0.007		
	90					1.531	0.560	0.237	0.066	0.021	0.008		
	100						0.653	0.274	0.073	0.025	0.010	0.003	
	125						0.964	0.393	0.103	0.036	0.014	0.004	
	150							0.567	0.147	0.050	0.019	0.005	
	175							0.735	0.186	0.060	0.026	0.007	
	200							0.920	0.228	0.083	0.033	0.009	
	250								0.347	0.124	0.050	0.013	
	300								0.475	0.162	0.068	0.017	0.002
	400								0.832	0.303	0.118	0.032	0.004
	500								1.159	0.425	0.164	0.043	0.006
	600									0.562	0.222	0.057	0.008
	700									0.733	0.301	0.078	0.011
	800									0.924	0.383	0.098	0.014
	900									1.144	0.468	0.118	0.016
	1000										0.553	0.140	0.019

