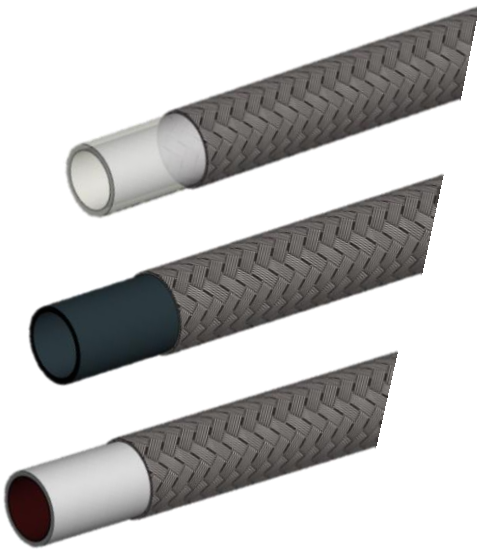


## Heavy Duty, Single Braid (PTFE Inner Tube)



We recommend PTFE when you want a high durability and the application demands high chemical resistance. The Heavy Duty hose is designed with an inner tubing of PTFE and an outer braid in stainless steel\*. The inner tubing is also available as fully antistatic or with an antistatic inner layer. We also produce high performance hoses with inner tubing of PFA and ETFE. In addition to our standard range we produce according to customer demands regarding dimensions, length and braid construction. We offer to wash the finished high-performance hose before delivery.

Bending Radius (BR) and Burst Pressure (BP) are tested regularly in order to control and maintain high quality. BR and BP values given in the table below are based on mathematical calculations only. We recommend a working pressure related to burst pressure according to ISO 7751. Habia cannot be held responsible for the actual outcome in working environments at the end user.

Inch	Article No.	ID mm	ID Tol. +/- mm	OD mm	BR mm 20 °C	BP** bar 20 °C	Wall mm
1/8"	70-00063	3.2	0.20	6.9	50	1200	1.0
3/16"	70-00064	5.0	0.20	8.2	50	1000	1.0
1/4"	70-00065	6.3	0.25	10.2	60	920	1.0
5/16"	70-00067	8.0	0.30	11.7	100	800	1.0
3/8"	70-00071	10.0	0.30	14.2	120	700	1.25
1/2"	70-00075	13.0	0.35	17.5	135	600	1.2
5/8"	70-00077	16.0	0.40	20.2	165	500	1.5
3/4"	70-00079	19.6	0.40	23.8	190	400	1.5
7/8"	70-00080	22.0	0.50	26.2	200	400	1.5
1"	70-00082	25.5	0.50	29.7	250	320	1.5

The hoses are available with Hytrel® cover (see datasheet "Colour range for Hytrel®").

\* For standard AISI 304 is used. 316L available upon request.

\*\* Burst pressure measured at 20 °C. For more information see datasheet "Burst Reduction Curve"