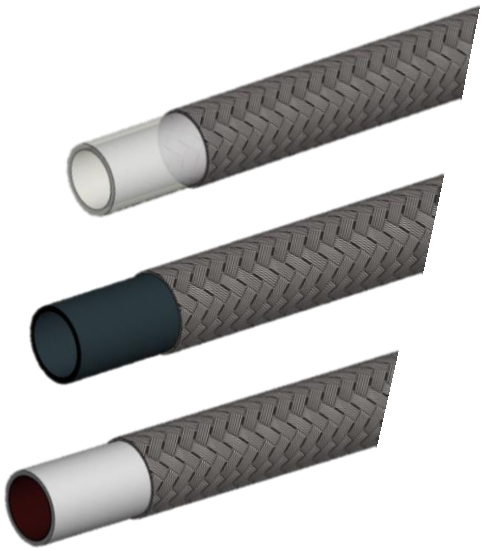
General Purpose Extended Range (PTFE Inner Tube)



We recommend PTFE when you want a high durability and the application demands high chemical resistance. The hose is designed with an inner tubing of PTFE and an outer braid in stainless steel*. The hoses that are included in the extended range have a higher burst pressure compared to corresponding dimension of the General Purpose hoses. This is due to differences in the braid construction. The inner tubing is also available as fully antistatic or with an antistatic inner layer. 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	**OD Tol.** +/- mm	**BR** mm 20 °C	**BP** bar 20 °C	**Wall** mm
3/16''	70-00180	4.7	0.20	7.8	0.45	50	1000	0.7
1/4''	70-00181	6.3	0.25	9.5	0.50	80	960	0.7
5/16''	70-00182	8.2	0.30	11.5	0.50	115	800	0.8
3/8''	70-00184	9.7	0.30	13.3	0.50	120	700	0.8
1/2''	70-00186	13.0	0.40	17.0	0.60	150	600	1.2
5/8''	70-00187	16.0	0.40	20.0	0.70	160	300	1.0
3/4''	70-00188	19.4	0.40	24.0	0.70	165	400	1.25
1	70-00189	25.0	0.40	29.0	0.80	250	320	1.25

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"