

Braided Teflon hoses - corrugated

VISIFLON (HYPERLINE V) - continued

VISIFLON PB - in braided polypropylene:



index (PTFE natural)	index (AS version)	nominal diameter [inch]	nominal diameter [mm]	through diameter [mm]	external diameter [mm]	working pressure * [bar]	testing pressure** [bar]	burst pressure [bar]	vacuum*** [bar]	bend radius [mm]	mass [kg/m]
AF-VFPB-10	AF-VFPB-10AS	3/8"	10	6,3	13,00	30	45	120	0,9	25	0,091
AF-VFPB-13	AF-VFPB-13AS	1/2"	12	9,5	16,80	23,5	35,25	94	0,9	38	0,125
AF-VFPB-16	AF-VFPB-16AS	5/8"	16	12,7	23,00	20	30	80	0,9	50	0,188
AF-VFPB-19	AF-VFPB-19AS	3/4"	20	16,0	24,70	16	24	64	0,9	63	0,226
AF-VFPB-25	AF-VFPB-25AS	1"	25	22,0	32,90	13	19,5	52	0,9	75	0,314
AF-VFPB-32	AF-VFPB-32AS	1.1/4"	32	28,0	39,00	12,5	18,75	50	0,9	89	0,444
AF-VFPB-38	AF-VFPB-38AS	1.1/2"	38	35,0	50,00	10	15	40	0,9	130	0,600
AF-VFPB-50	AF-VFPB-50AS	2"	51	47,0	64,00	7,5	11,25	30	0,9	150	0,917

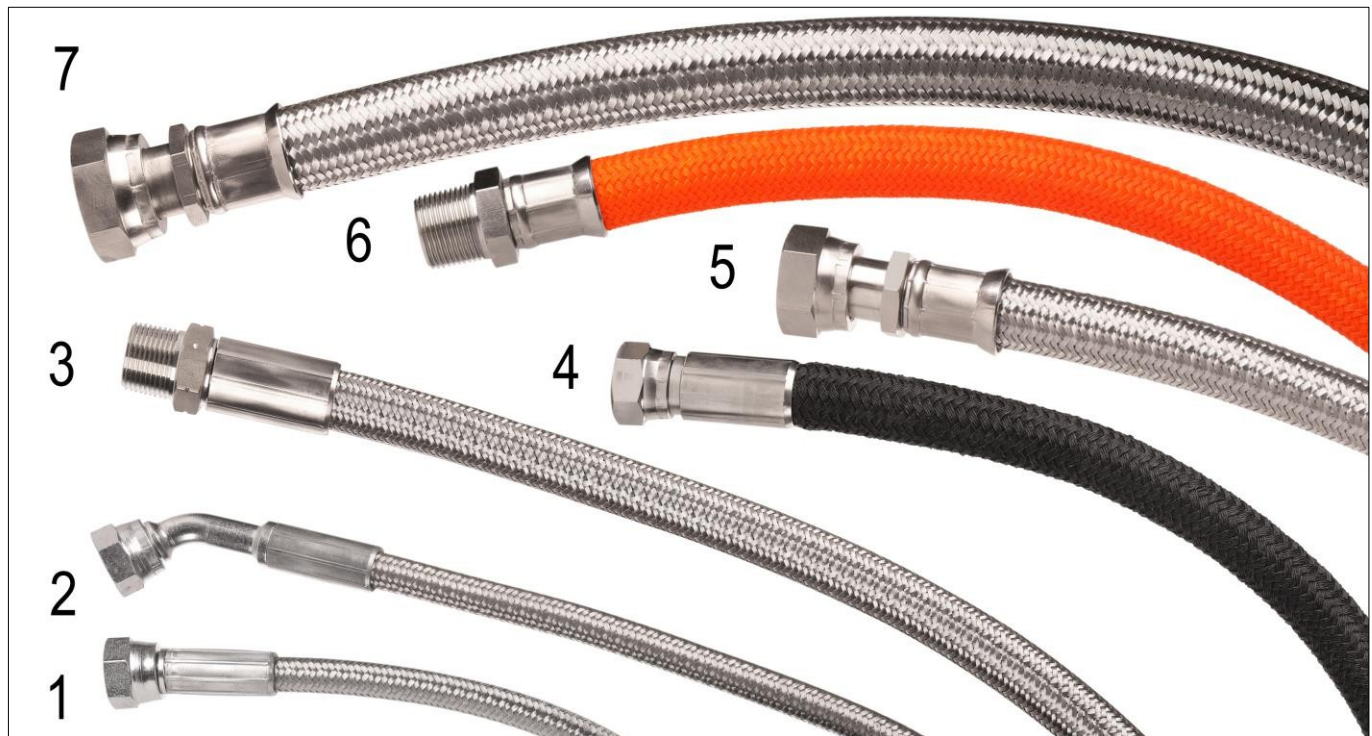
Notes: indices highlighted in colour - most commonly used, indices in italics (1.1/2", 2") - until stocks run out (consider using CORROFLON hose).

* - safety factor 4:1; ** - test pressure 1.5 x operating pressure; *** - up to 80°C;

Temperature dependence of working pressure for VISIFLON Teflon hose (PB version):

At operating temperatures above +80°C, the maximum working pressure given in the table should be reduced by 5% for every 1°C above this temperature. For example, at a temperature of 90°C, the maximum working pressure for hose AF-VFPB-19 is: 16 bar - (90°C-80°C) x 5 = 16 bar - 50% = **8 bar**.

VISIFLON hoses are assembled both with special Teflon hose endings (type AF-T-...) by means of tube sleeves clamped with special shaped jaws, and with standard hydraulic endings by means of sleeves clamped with standard straight jaws. See end fitting information at the end of this section.



VISIFLON Teflon hoses in stainless steel braid and polymer braid with tips: 1, 2 - AF-VFSS-10 (3/8") with galvanised carbon steel hydraulic tips; 3 - AF-VFSS-16AS (5/8") with stainless steel hydraulic tip; 4 - AF-VFPBB-16AS (5/8") in black polymer braid with stainless steel hydraulic tip; 5 - AF-VFSS-19 (3/4") with stainless steel Teflon hose end; 6 - AF-VFPB-19 (3/4") in orange polypropylene braid with stainless steel Teflon hose end; 7 - AF-VFSS-25 (1") with stainless steel Teflon hose end.

Tubes International offers complete VISIFLON Teflon hoses (hoses with fitted ends) configured and manufactured according to customer order requirements.