

**Braided Teflon hoses - corrugated**

**HYPERLINE FX - continued**

**FXSS SI and FXSS RC versions with additional outer covering**



The **FXSS AS SI WHITE** hose has an additional outer layer made of white silicone. This solution ensures a high degree of external hygiene making the hose easy to clean. With AISI 316 stainless steel end fittings it is used for hot water, steam and nitrogen, cleaning fluids CIP

in installations in the food and pharmaceutical industries. Antistatic AS version as standard, also available in natural PTFE. Permissible operating temperature for the outer layer from -70°C to + 204°C.

The **FXSS RC BLACK** hose has an additional outer layer made of black, anti-static and flame-retardant EPDM rubber. This provides additional protection of the braid and hose from damage and easy cleaning of the hose. For industrial and motor vehicle applications. Permissible operating temperature for the EPDM outer layer from -40°C to + 140°C. Available with EPDM flame-retardant rubber outer layer meeting (rubber) requirements for railway vehicles EN 45545.



**HYPERLINE FXSS AS SI WHITE**  
antistatic, in steel braid  
stainless steel, with an outer layer  
of white silicone



index (AS version)	nominal diameter [inch]	internal diameter [mm]	external diameter [mm]	working pressure * [bar]	testing pressure** [bar]	burst pressure [bar]	vacuum*** [bar]	bend radius [mm]	mass [kg/m]
AF-FXSS-06AS-SI-WHITE	1/4"	6,8	11,5	110	165	330	0,9	20	0,130
AF-FXSS-08AS-SI-WHITE	5/16"	7,9	12,8	105	157,5	315	0,9	25	0,176
AF-FXSS-10AS-SI-WHITE	3/8"	10,0	15,8	100	150	300	0,9	30	0,224
AF-FXSS-13AS-SI-WHITE	1/2"	13,6	19,8	75	112,5	225	0,9	45	0,321
AF-FXSS-16AS-SI-WHITE	5/8"	16,7	23,9	62	93	186	0,9	55	0,487
AF-FXSS-19AS-SI-WHITE	3/4"	19,8	26,7	52	78	156	0,9	70	0,529
AF-FXSS-25AS-SI-WHITE	1"	26,0	34,2	50	75	150	0,9	80	0,724

**HYPERLINE FXSS RC BLACK**  
in stainless steel braid,  
with  
outer layer of black EPDM  
rubber



Index	nominal diameter [inch]	internal diameter [mm]	external diameter [mm]	working pressure * [bar]	testing pressure** [bar]	burst pressure [bar]	vacuum*** [bar]	bend radius [mm]	mass [kg/m]
AF-FXSS-06-RC-BK-EN45545	1/4"	6,8	11,7	110	165	330	0,9	21	0,158
AF-FXSS-10-RC-BK-EN45545	3/8"	10,0	16,2	100	150	300	0,9	30	0,272
AF-FXSS-13-RC-BK-EN45545	1/2"	13,6	20,3	75	112,5	225	0,9	42	0,393
AF-FXSS-16-RC-BK-EN45545	5/8"	16,7	24,9	62	93	186	0,9	60	0,601
AF-FXSS-19-RC-BK-EN45545	3/4"	19,8	27,6	52	78	156	0,9	75	0,639
AF-FXSS-25-RC-BK-EN45545	1"	26,0	35,0	50	75	150	0,9	85	0,862

Notes: Hose with outer layer of black EPDM flame retardant rubber to EN45545 is available, as well as standard black EPDM rubber (on request). \* - safety factor 3:1, if a factor of 4:1 is required (e.g. according to EN 16643) multiply the values by 0.75; \*\* - test pressure 1.5 x working pressure; \*\*\* - up to 150°C;

**Temperature dependence of working pressure for HYPERLINE FXSS SI and HYPERLINE FXSS RC Teflon hoses:**

At operating temperatures above +160°C, the maximum working pressure given in the table should be reduced by 1% for every 1°C above this temperature. For example, at a temperature of 180°C, the maximum working pressure for AF-FXSS-10 hose is: 100 bar - (180°C-160°C) x 1 = 100 bar - 20% = **80 bar**. **Beware of outer layer temperature limitations!**



Tubes International offers complete HYPERLINE FX Teflon hoses (hoses with fitted end fittings) configured and manufactured according to customer order requirements. We also offer HYPERLINE FX Teflon hoses in bulk, collets for this type of hose and hydraulic end fittings in a wide range - for customers who do the fitting of the end fittings themselves.