

PTFE Hose - TEFLEX

Teflex Silicone Jacket PTFE

Part No.: TEFLEX

Construction: Smoothbore

Profile: High Flexibility / High Pressure

Tube Available: PTFE Virgin Inner Tube impregnated fiberglass braid

Braid Available: 304 / 316 Stainless Steel

Cover: Silicone

Size Available: 1/4" - 1"

Temperature: -70°C +204°C

Sintered/Permeation: Slow Sintered (medium level of permeation)

Low | Med | High

Flexibility 

Cycle Life 

Pressure Rating 

Chemical Resistance 

Wall Thickness 

Construction

Use:

Liquid food and beverage transfer, also suitable for air, water, chemical, oil and automotive applications

Hygienic food grade cover ideal for food and pharmaceutical applications.

Standards:

USP Class VI compliance PTFE resin used in tubing,

FDA Approved, Accepted by the U.S. Coast Guard,

PTFE Perfluorocarbon Resins meets FDA 21 CFR 177.1550



Specifications

Temperature Correction Factor													
-60	-40	-20	0	20	50	100	120	150	180	200	220	250	260
1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.93	0.93	.85	0.85	0.77	0.77	0.70

Part Number	Size	Internal Diameter	Outside Braid O.D.	Outside Jacket O.D.	Min. Bend Radius (Static)	Standard Max. Working Pressure		Min. Burst Pressure	
	inch	mm	mm	mm	mm	kPa	bar	kPa	bar
TEFLEX-SXX-06	1/4"	6.22	11.81	14.61	44	22500	225	90000	900
TEFLEX-SXX-10	3/8"	9.14	14.86	17.65	70	20000	200	80000	800
TEFLEX-SXX-12	1/2"	12.50	18.21	21.01	108	11000	110	45000	450
TEFLEX-SXX-15	5/8"	15.50	21.94	24.99	140	10000	100	40000	400
TEFLEX-SXX-20	3/4"	18.80	24.74	27.79	178	8800	88	35000	350
TEFLEX-SXX-25*	1"	25.40	33.66	38.74	292	6200	62	25000	250

* 1" Hose construction is PTFE Liner with double stainless steel Braid

Table Key :

Silicone Jacket Colour (SXX)

SRD = Red SBK = Black SBL = Blue SWH = White

Applications

