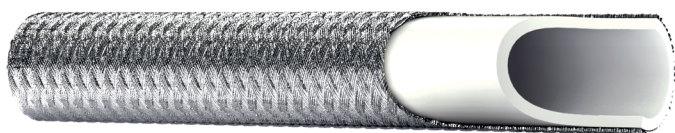




030 - PTFE - 1SSB

PTFE hose for medium pressure from 75 up to 205 bar (from 1000 to 2900 psi)



FEATURES

Inner Tube

Polytetrafluoroethylene

Reinforcement

One braid of stainless AISI 304 wire

Cover

N/A

Applications

Aggressive chemicals transfer systems - Compressed air and gases
- High or low temperature fluid or gas transfer

Features

Pure PTFE tube material: lightweight resistant to almost all chemicals gases and solvents. Stainless steel braid / cover to support medium pressure requirements. Hose comes in random length coils

Description

Lightweight smoothbore hose for standard industrial use especially for high or low temperature and aggressive chemical applications: including some gases (there will be a level of gas permeation which should be taken into account). Care should be taken to ensure proper fitting and ferrule compatibility - we recommend to contact our sales office for fittings selection. Hose not suitable for continuous hydraulic impulse applications. Above 130 °C (266 °F) there will be a reduction in maximum working pressure: reduce maximum working pressure by 1% for each 2 °C (3.6 °F) above 130 °C (266 °F). Hose suitability must be checked when discharge of electrical static build up is required.

Temperature Range

-60 °C to 260 °C (-76 °F to 500 °F)

Part no.	DN	Inches	Dash	ID (mm)	OD (mm)	WP (bar)	BP (bar)	ID (inch)	OD (inch)	WP (psi)	BP (psi)	SF	BR (mm)	BR (inch)	Weight (gr/m)	Weight (lb/ft)	Ferrule standard	Ferrule A316L
0301	DN5	3/16	-3	4.9	7.8	205	820	0.193	0.307	2900	11600	4:1	35	1.38	83	0.056	SAG111	
0302	DN6	1/4	-4	6.5	9.2	180	720	0.256	0.362	2600	10400	4:1	45	1.77	89	0.060	SAG121	
0303	DN8	5/16	-5	8.0	11.0	170	680	0.315	0.433	2400	9600	4:1	50	1.97	110	0.074	SAG131	
0304	DN10	3/8	-6	9.5	12.7	155	620	0.374	0.500	2200	8800	4:1	55	2.17	160	0.108	SAG141	
0305	DN12	1/2	-8	12.8	16.1	120	480	0.504	0.634	1700	6800	4:1	70	2.76	188	0.126	SAG151	
0306	DN16	5/8	-10	16.6	19.8	85	340	0.654	0.780	1200	4800	4:1	130	5.12	251	0.169	SAG161	
0307	DN20	3/4	-12	19.8	23.0	75	300	0.780	0.906	1000	4000	4:1	190	7.48	291	0.196	SAG171	
0308	DN25	1	-16	25.4	28.8	75	300	1.000	1.134	1000	4000	4:1	270	10.63	410	0.275	SAG181	

Dimensions and values shown may be changed without prior notice to improve product performances and reliability.

Transfer Oil S.p.A. assumes no liability on mistakes nor errors appearing in this spec sheet.

Document date: 27/04/2024

www.transferoil.com