



# TRANSFER OIL

Pure Fluid Attitude



## 031 - PTFE TSSB CONVOLUTED

Convoluted PTFE hose for medium pressure from 23 up to 138 bar (from 300 to 2000 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 convoluted 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
0314	DN10	3/8	-6	9.5	15.2	138	414	0.374	0.598	2000	6000	3:1	20	0.79	189	0.127	SAI141	SAI841
0315	DN12	1/2	-8	12.8	18.8	103	309	0.504	0.740	1400	4200	3:1	25	0.98	245	0.165	SAI151	SAI851
0316	DN16	5/8	-10	15.9	22.1	83	249	0.626	0.870	1200	3600	3:1	50	1.97	316	0.212	SAI161	SAI861
0317	DN20	3/4	-12	19.0	24.6	69	207	0.748	0.969	1000	3000	3:1	65	2.56	362	0.243	SAI171	SAI871
0318	DN25	1	-16	25.4	32.8	46	138	1.000	1.291	600	1800	3:1	90	3.54	478	0.321	SAI181	SAI881
0319	DN32	1+1/4	-20	32.2	40.7	34	102	1.268	1.602	400	1200	3:1	125	4.92	561	0.377	SAI191	SAI891
031T	DN38	1+1/2	-24	38.1	48.2	30	90	1.500	1.898	400	1200	3:1	150	5.91	90	0.060	SAIT1	SAI8T1
031X	DN51	2	-32	51.4	61.5	23	69	2.024	2.421	300	900	3:1	200	7.87	567	0.381	SAIX1	SAI8X1

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: 11/04/2026*

*[www.transferoil.com](http://www.transferoil.com)*