

030 PTFE 1SSB Stainless steel braid

PTFE hose for medium pressure

From 75 to 205 bar (1000 to 2900 psi)



FEATURES

Inner Tube

Polytetrafluoroethylene

Reinforcement

One braid of stainless
AISI 304 wire

Cover

N/A

Applications

- Aggressive chemical 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 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. 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)

APPLICATIONS



PACKAGING



Part No.	Hose size		ID		Tube Thickness		OD		WP		BP		Safety factor	Bend radius		Weight		Ferrule part no.	
	dash	inch	DN	mm	inch	mm	inch	mm	inch	bar	psi	bar		psi	mm	inch	g/m		lbs/ft
0301	-3	3/16"	5	4,90	0,193	0,75	0,03	7,80	0,307	205	2900	820	11600	4:1	35	1,38	82	0,055	SAG111
0302	-4	1/4"	6	6,50	0,256	0,75	0,03	9,20	0,362	180	2600	720	10400	4:1	45	1,77	100	0,067	SAG121
0303	-5	5/16"	8	8,00	0,315	0,75	0,03	11,00	0,433	170	2400	680	9600	4:1	50	1,97	131	0,088	SAG131
0304	-6	3/8"	10	9,50	0,374	0,75	0,03	12,70	0,500	155	2200	620	8800	4:1	55	2,17	165	0,111	SAG141
0305	-8	1/2"	12	12,80	0,504	0,75	0,03	16,10	0,634	120	1700	480	6800	4:1	70	2,76	218	0,147	SAG151
0306	-10	5/8"	16	16,60	0,654	0,90	0,035	19,80	0,780	85	1200	340	4800	4:1	130	5,12	282	0,190	SAG161
0307	-12	3/4"	20	19,80	0,780	0,90	0,035	23,00	0,906	75	1000	300	4000	4:1	190	7,48	334	0,224	SAG171
0308	-16	1"	25	25,40	1,000	0,90	0,035	28,80	1,134	75	1000	300	4000	4:1	270	10,63	450	0,302	SAG181

INDUSTRIAL
AUTOMATION

GAS

FUEL

CHEMICALS

HYDRO
CHEMICALS

PAINT SPRAY
& SOLVENTS

AGGRESSIVE
CHEMICALS

PTFE

WATER