



# 181 - 2SB - AGGRESSIVE CHEMICALS

Thermoplastic conductive hose for heavy duty high pressure aggressive chemicals applications from 190 to 425 bar (2700 to 6100 psi)



## FEATURES

### Inner Tube

Polyamide PA12

### Reinforcement

Two braids of steel wire

### Cover

Polyurethane - blue - non pinpricked - laser branding

### Applications

High pressure aggressive chemicals systems requiring very high mechanical strength of hose and/or electrical conductivity - Applications requiring high chemical resistance to solvents and aggressive fluids such as two parts polyurethane injection foams

### Features

Polyamide type 12 tube construction - 2 steel braid for high pressure requirements and increased mechanical properties increasing lifetime of the hose under very harsh working conditions - Conductive - Blue cover

### Description

High pressure hose with blue cover - Due to particularly low humidity absorption of the tube, this hose is particularly indicated for two parts PU foams injection systems (isocyanate and polyols) and very aggressive chemicals applications - It offers increased resistance to abrasion, mechanical strength, and electrical conductivity - Check compatibility list for overview of resistance to chemical substances and gases.


### Temperature Range

from -40 °C to 100 °C (-40 °F to 212 °F), limited to 70 °C (158 °F) for air and water based fluids

### Specification

Meets or exceeds pressure rating of SAE 100R2.

### Standard Branding

 TRANSFER OIL - TO INDUSTRIAL - Part No - 2SB - TWO STEEL BRAIDS AGGRESSIVE CHEMICALS - Inch Size - DN Size - WP bar / psi - MADE IN ITALY - [www.transferoil.com](http://www.transferoil.com) - QQ/YY - Batch No

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
1812	DN6	1/4	-4	6.4	12.8	425	1700	0.252	0.504	6100	24400	4:1	40	1.57	250	0.168	SAC121	SAC821
1814	DN10	3/8	-6	9.8	16.8	350	1400	0.386	0.661	5000	20000	4:1	65	2.56	382	0.257	SAC141	SAC841
1815	DN12	1/2	-8	13.0	20.2	300	1200	0.512	0.795	4300	17200	4:1	85	3.35	462	0.310	SAC151	SAC851
1816	DN16	5/8	-10	16.3	23.7	250	1000	0.642	0.933	3600	14400	4:1	115	4.53	578	0.388	SAC161	SAC861
1817	DN20	3/4	-12	19.5	28.0	215	860	0.768	1.102	3100	12400	4:1	170	6.69	746	0.501	SAC171	SAC871
1818	DN25	1	-16	25.8	35.2	190	760	1.016	1.386	2700	10800	4:1	180	7.09	1022	0.687	SAC181	SAC881

