

083BP 1SB Steel Braid Paint spray & solvents

INDUSTRIAL
AUTOMATION

GAS

FUEL

CHEMICALS

HYDRO
CHEMICALS

PAINT SPRAY
& SOLVENTS

AGGRESSIVE
CHEMICALS

PTFE

WATER

Thermoplastic conductive hose for high pressure paint spray and solvent applications
From 115 to 360 bar (1600 to 5200 psi)



FEATURES

Inner Tube

Polyamide PA6

- Applications requiring high chemical resistance to solvents and aggressive fluids

Reinforcement

One braid of steel wire

Features

- Polyamide type 6 tube construction
- Steel braid for high pressure requirements and increased mechanical properties increasing lifetime of the hose
- Conductive
- Blue cover

Cover

Polyurethane, blue, non pinpricked, black ink-jet branding

Description

High pressure hose with blue cover particularly designed for paint spray and solvent applications with increased resistance to abrasion mechanical strength and providing electrical conductivity. Check compatibility list for overview of resistance to chemical substances

WARNING!

These hoses have a special branding that indicates burst pressure only because these hoses can be used in applications not following the traditional 4:1 safety factors as recommended for general high pressure hoses. Burst pressure for reference only. Use maximum working pressure in accordance with application safety factor. It is the user's responsibility however to respect a sufficient pressure safety margin for the application to guarantee safe working conditions.

Applications

- Airless paint spray systems requiring additional mechanical strength of hose and/or electrical conductivity

Temperature Range

-40°C to +100°C
(-40°F to +212°F)
Limited to +70°C (+158°F)
for air and water based fluids

APPLICATIONS



PACKAGING



Part No.	Hose size		ID		OD		WP		BP		Safety factor	Bend radius		Weight		Ferrule part no.		
	dash	inch	DN	mm	inch	mm	inch	bar	psi	bar		psi	mm	inch	g/m	lbs/ft	carbon	stainless
0831BP	-3	3/16"	5	5,00	0,197	9,70	0,382	360	5200	1440	20800	4:1	30	1,18	120	0,081	SAB111	SAB811
0832BP	-4	1/4"	6	6,50	0,256	11,70	0,461	310	4500	1240	18000	4:1	40	1,57	155	0,104	SAB121	SAB821
0834BP	-6	3/8"	10	9,80	0,386	15,50	0,610	225	3200	900	12800	4:1	65	2,56	230	0,155	SAB141	SAB841
0835BP	-8	1/2"	12	13,00	0,512	18,80	0,740	190	2700	760	10800	4:1	85	3,35	295	0,198	SAB151	SAB851
0837BP	-12	3/4"	20	19,50	0,768	25,80	1,016	115	1600	460	6400	4:1	145	5,71	425	0,286	SAB171	SAB871