

# 083 1SB Steel Braid Paint spray & solvents

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



## FEATURES

### Inner Tube

Polyamide PA6

### Reinforcement

One braid of steel wire

### Cover

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

### Applications

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

— Applications requiring high chemical resistance to solvents and aggressive fluids

### Features

— Polyamide tube construction  
— Steel braid for high pressure requirements and increased mechanical properties flexible

### 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.

### Temperature Range

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

### Specifications

Meets or exceeds pressure specifications of EN853 1ST, EN853 1SN, EN857 1SC, SAE 100R1

## 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
0831	-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
0832	-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
0834	-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
0835	-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
0837	-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

INDUSTRIAL  
AUTOMATION

GAS

FUEL

CHEMICALS

HYDRO  
CHEMICALS

PAINT SPRAY  
& SOLVENTS

AGGRESSIVE  
CHEMICALS

PTFE

WATER