



1SBX Braid for 700 Series Hose

1SBX is a new braid construction for use with 700 Series Hose. Where supported by the hose 1SBX yields a higher work pressure than 1SB. In all sizes 1SBX has higher coverage to protect the hose from external influences such as splatter or wear.

1SBX supplied in mill lengths giving fabricators the option of stocking both braids for use in different applications while stocking one series of hose. For braided reels refer to PN 7XX-1SBX-XXX

Key features of 1SBX braid:

- ~ Higher Work Pressure than 1SB braid.
- ~ Higher Braid Coverage.
- ~ Reduced spring-back effect for long lengths on reels.

Construction: Tubular Braid

Material: 304L stainless Steel in Stock - 321 and 316L available upon request

Used for: Series 700 Stainless Steel Hose

Nom. Size (in.)	Part number	Braid Diameter (in.)	Braid Construction	Max. Pressure @70°F (PSIG)		Braid Coverage (%)	Weight/Foot (lb.)
				WORK	BURST		
1/4"	1SBX-004	0.48	24 x 6 x .014	2,116	8,464	97%	0.10
3/8"	1SBX-006	0.63	24 x 8 x .014	1,501	6,004	97%	0.13
1/2"	1SBX-008	0.82	24 x 8 x .016	1,075	4,301	94%	0.18
3/4"	1SBX-012	1.21	36 x 8 x .016	1,340	5,360	95%	0.26
1"	1SBX-016	1.51	36 x 10 x .016	819	3,274	95%	0.33
1-1/4"	1SBX-020	1.85	48 x 9 x .016	740	2,960	94%	0.40
1-1/2"	1SBX-024	2.19	48 x 10 x .016	640	2,560	92%	0.44
2"	1SBX-032	2.6	48 x 10 x .020	516	2,064	93%	0.67
2-1/2"	1SBX-040	3.23	72 x 9 x .020	387	1,548	96%	0.90
3"	1SBX-048	3.78	72 x 10 x .020	351	1,405	94%	1.00
4"	1SBX-064	4.85	72 x 9 x .025	232	927	90%	1.41

Note: Pressures listed have been reduced to account for welding as the method of attachment. Other methods such as brazing, neck down designs or crimping will result in different pressures. Contact the factory for details.

