



## Flexo Stainless

### Braided Stainless Steel, Pre-Rounded for Installation Ease

Nothing protects hoses from wear and blowout quite like real STAINLESS STEEL (SS) braid. It looks great in any application and is as strong as steel. But, custom hoses overbraided with stainless steel are expensive, selections are often limited and production and delivery times can be an issue.

Now, you can take any stock or custom hose, slip a length of Flexo Stainless over it, hide the cut ends under your clamps and have the same look and protection as custom overbraided hoses at a fraction of the cost.

Flexo Stainless cuts with shears or serrated scissors (pg. 73), is pre-rounded for easy, slip on installation and is available in diameters and expansion ranges to accommodate virtually any common hose or wire application.

Our new X-tra coverage product, Stainless Steel XC, provides fuller coverage and results in continuous stainless steel shine.

*Stainless Steel sleeving is used in applications such as expansion joints, where constant movement and high temperatures require a flexible, indestructible covering.*



- **Virtually Indestructible 304 Stainless Steel**
- **Won't Discolor or Rust**
- **Easy to Install**
- **Cuts with Shears or Serrated Scissors**
- **Resists Abrasion, Chemicals and UV**
- **Improves Burst Strength of Hoses**

#### Flexo Stainless Steel

Nominal Size	Part #	Wall Thickness	Expansion Range		Standard Spool Put-Ups		Available Colors	Lbs/100'
			Min.	Max.	Bulk Spool	Shop Spool		
1/2"	SSN0.50SV	.025"	1/4"	5/8"	100'	25'	Silver (SV)	4.00
5/8"	SSN0.63SV	.025"	3/8"	3/4"	100'	25'	Silver (SV)	5.00
3/4"	SSN0.75SV	.025"	1/2"	1"	100'	25'	Silver (SV)	5.00
1"	SSN1.00SV	.025"	3/4"	1 1/4"	100'	25'	Silver (SV)	11.00
1 1/4"	SSN1.25SV	.035"	1"	1 1/2"	100'	25'	Silver (SV)	19.00
1 3/4"	SSN1.75SV	.040"	1 1/2"	2 1/4"	100'	25'	Silver (SV)	31.00



*Stainless Steel XC gives a full coverage on any application and slides onto hoses for that custom look.*

#### Flexo Stainless Steel XC

Nominal Size	Part #	Wall Thickness	Expansion Range		Standard Spool Put-Ups		Available Colors	Lbs/100'
			Min.	Max.	Bulk Spool	Shop Spool		
1/8"	SSL0.13SV	.013"	1/16"	11/32"	250'	100'	Silver (SV)	1.20
1/4"	SSL0.25SV	.013"	3/16"	13/32"	250'	100'	Silver (SV)	2.20
3/8"	SSL0.38SV	.013"	1/4"	5/8"	250'	100'	Silver (SV)	2.54
1/2"	SSL0.50SV	.013"	3/8"	3/4"	100'	50'	Silver (SV)	3.15
3/4"	SSL0.75SV	.013"	1/2"	1 1/4"	100'	50'	Silver (SV)	6.90
1"	SSL1.00SV	.025"	5/8"	1 5/16"	100'	50'	Silver (SV)	9.78
1 1/4"	SSL1.25SV	.025"	3/4"	1 3/4"	100'	50'	Silver (SV)	13.70
1 1/2"	SSL1.50SV	.025"	1"	2 1/8"	100'	50'	Silver (SV)	16.60



*High end automotive applications have always used stainless steel hoses for looks, protection and durability.*





# FLEXO® STAINLESS

- Virtually Indestructible 304 Stainless Steel
- Will Not Discolor Or Rust
- Resists Abrasion, Chemicals And UV
- Easy To Install
- Cuts With Shears Or Serrated Scissors
- Halogen Free



**Cut Cleanly  
Shears**

**Material**  
**304 Stainless Steel**

**Grade**  
**SSN**

**Wire Thickness**  
**.010" - .016"**

**Drawing Number**  
**TF001SS-WD**

Nominal Size	Part #	Expansion Range		Wall Thickness	Wire Thickness	Put-Ups		Available Colors	Lbs/ 100'
		Min	Max			Bulk Spool	Shop Spool		
1/2"	SSN0.50SV	1/4"	5/8"	.025"	.010"	100'	25'	Silver	4.00
5/8"	SSN0.63SV	3/8"	3/4"	.025"	.010"	100'	25'	Silver	5.00
3/4"	SSN0.75SV	1/2"	1"	.025"	.010"	100'	25'	Silver	5.00
1"	SSN1.00SV	3/4"	1 1/4"	.025"	.010"	100'	25'	Silver	11.00
1 1/4"	SSN1.25SV	1"	1 1/2"	.035"	.014"	100'	25'	Silver	19.00
1 3/4"	SSN1.75SV	1 1/2"	2 1/4"	.040"	.016"	100'	25'	Silver	31.00

## Braided Stainless Steel, Pre-Rounded For Installation Ease

Nothing protects hoses from wear and blowout quite like real Stainless Steel braid. It looks great in any application and is as strong as, well, steel. But, custom hoses overbraided with stainless steel are expensive, selections are often limited and production and delivery times can be an issue.

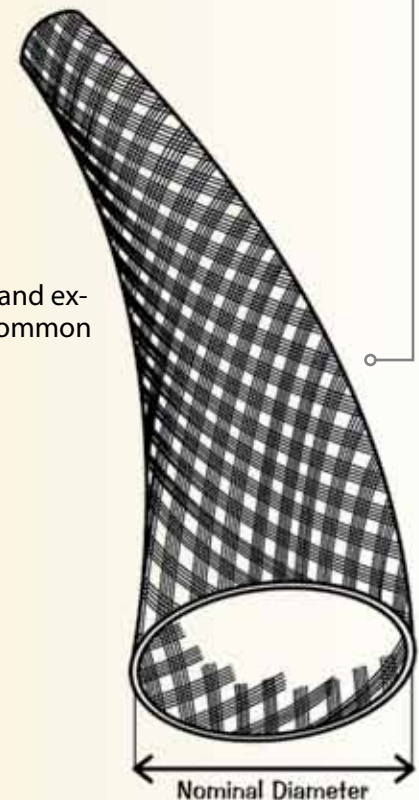
Now, you can take any stock or custom hose, slip a length of Flexo Stainless over it, hide the cut ends under your clamps and have the same look and protection as custom overbraided hoses at a fraction of the cost.

Flexo Stainless Steel is pre-rounded for easy, slip on installation and is available in diameters and expansion ranges to accommodate virtually any common hose or wire application.

**Braided Stainless Steel sleeving is used in applications where constant movement and high temperatures require a flexible, indestructible covering.**

Nominal Size	Part #	AWG of Ends	Carriers	Wires/ Carrier	Total Ends
1/2"	SSN0.50	30	24	4	96
5/8"	SSN0.63	30	24	6	144
3/4"	SSN0.75	30	24	8	192
1"	SSN1.00	30	36	8	288
1 1/4"	SSN1.25	27	36	8	288
1 3/4"	SSN1.75	26	48	7	336

■ Colors Available:  
Silver (SV)



[www.techflex.com](http://www.techflex.com)

800.323.5140 • 973.300.9242 • fax: 973.300.9409  
104 Demarest Road • Sparta, NJ 07871





## FLEXO® STAINLESS



Rating \_\_\_\_\_ Non Flammable



### Chemical Resistance

1=No Effect    4=More Affected  
2=Little Effect    5=Severely Affected  
3=Affected

Aromatic Solvents	1
Aliphatic Solvents	1
Chlorinated Solvents	1
Weak Bases	1
Salts	2
Strong Bases	2
Salt Water 0-S-1926	2
Hydraulic Fluid MIL-H-5606	1
Lube Oil MIL-L-7808	1
De-Icing Fluid MIL-A-8243	1
Strong Acids	2
Strong Oxidants	2
Esters/Keytones	1
UV Light	1
Petroleum	1
Fungus ASTM G-21	1
Halogen Free	Yes
RoHS	Yes
SVHC	

Melt Point  
ASTM D-2117  
2,650°F (1,454°C)



### PHYSICAL PROPERTIES

Wire Thickness	.010-.016
ASTM D-204	
Flammability Rating	Non Flammable
Recommended Cutting	Shears
Colors	1
Wall Thickness	.025-.025
Tensile Strength (Yarn)	
ASTM D-2256 Lbs	
Abrasion	High
Specific Gravity ASTM D-792	NA
Moisture Absorption	NA
% ASTM D-570	
Hard Vacuum Data ASTM E-595 at 10-5 torr	
TML	.00
CVCN	.00
WVR	.00
Smoke D-Max	
ASTM E-662	
Outgassing	Very Low
Oxygen Index	
ASTM D-2863	