



## 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.*



# METAL

## Technical Data Sheet



### FLEXO® STAINLESS XC

- 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

SSL

#### Wire Thickness

.005" - .010"

#### Drawing Number

TF001SS-WD



**TECHFLEX**  
Braided Sleeve Products

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#### Put-Ups

Nominal Size	Part #	Expansion Range		Wall Thickness	Wire Thickness	Bulk Spool	Shop Spool	Available Colors	Lbs/100'
		Min	Max						
1/8"	SSL0.13SV	1/16"	11/32"	.013"	.005"	250'	100'	Silver	1.20
1/4"	SSL0.25SV	3/16"	13/32"	.013"	.005"	250'	100'	Silver	2.20
3/8"	SSL0.38SV	1/4"	5/8"	.013"	.005"	250'	100'	Silver	2.54
1/2"	SSL0.50SV	3/8"	3/4"	.013"	.005"	100'	50'	Silver	3.15
3/4"	SSL0.75SV	1/2"	1 1/4"	.013"	.005"	100'	50'	Silver	6.90
1"	SSL1.00SV	5/8"	1 5/16"	.025"	.010"	100'	50'	Silver	9.78
1 1/4"	SSL1.25SV	3/4"	1 3/4"	.025"	.010"	100'	50'	Silver	13.70
1 1/2"	SSL1.50SV	1"	2 1/8"	.025"	.010"	100'	50'	Silver	16.60

### Braided Stainless Steel XC, Tight Weave for Extra Coverage

Our new X-tra coverage product, Stainless Steel XC, provides fuller coverage with no transparent elements in the braided construction and results in a continuous stainless steel shine on any application. 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.

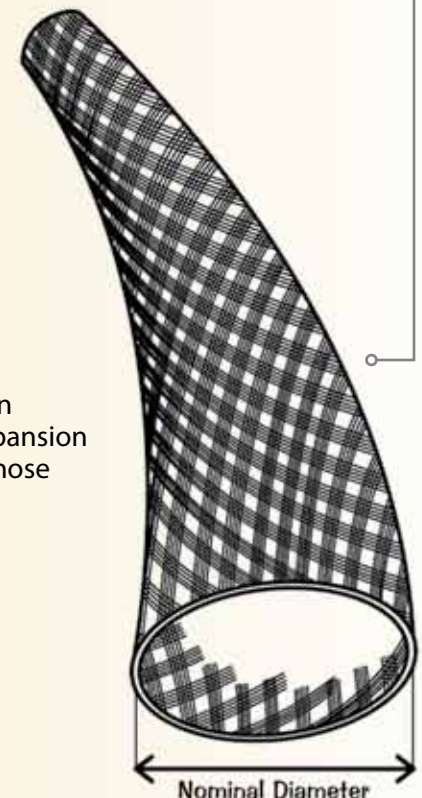
Now, you can take any stock or custom hose, slip a length of Flexo Stainless over it, hide the cut ends under your clamps and have the same look and protection as custom overbraided hoses at a fraction of the cost.

Flexo Stainless XC 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 XC 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
1/8"	SSL0.13SV	36	24	5	120
1/4"	SSL0.25SV	36	24	13	312
3/8"	SSL0.38SV	36	48	7	336
1/2"	SSL0.50SV	36	48	11	528
3/4"	SSL0.75SV	36	48	15	720
1"	SSL1.00SV	30	48	7	336
1 1/4"	SSL1.25SV	30	48	10	480
1 1/2"	SSL1.50SV	30	48	12	576

Colors Available:  
Silver (SV)





# FLEXO® STAINLESS XC



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

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



## PHYSICAL PROPERTIES

Wire Thickness _____	.005-.010
ASTM D-204	
Flammability Rating ____	Non Flammable
Recommended Cutting _____	Shears
Colors _____	1
Wall Thickness _____	.013-.025
Abrasion _____	High
Specific Gravity ASTM D-792 _____	NA
Moisture Absorption _____	NA
% ASTM D-570	
Hard Vacuum Data ASTM E-595	
TML _____	.00
CVCM _____	.00
WVR _____	.00
Outgassing _____	Very Low