

## Stainless Steel Metal Braided Sleeve; Round – Hose Size / Heavy Duty HoseSaver™ / CableSaver™ : 2500°F / 1371°C:



- Designed for common hose sizes. Made from 304L Stainless Steel. 321 and 316L Stainless Available.
- Excellent Abrasion Protection.
- EMI / RFI Sleeve.
- Provides Blow-out protection for hydraulic hoses.
- Provides rodent protection for burial cables and hoses.
- Also available in Bronze, Monel, Inconel, Copper and Hastelloy.
- Braid angle allows for small amount of size expansion or compression.
- Clamps or tape can hold sleeve tight to underlying wire, cable or hose.
- Supplied as a round sleeve, coiled and boxed.
- Other larger ID sizes available: 16.6"; 18.9"; 20.9"; 22.9"; 24.9" and 30.9".

### Braid Construction

The braid construction is defined by the number of carriers (group of individual wires), the number of wires in each group, and the diameter of the wire.

For example; 36x8x.012 is a braid having 36 carriers, 8 wires per carrier, and each wire is 0.12" in diameter.

There may be two braid sizes that are shown for the same hose ID – this is due to different hose layer construction or wall thicknesses resulting in different hose OD's. Choose the braid with the closest sizing. It is often better to have a slightly larger braid than a smaller one – it makes for easier installation, and the braid can always be held close to the hose by tensioning the braid and clamping at intervals as necessary.

Also different braid construction (carriers, number of wires and wire size) may result in a slightly different ID size of the finished braid, even if its for the same size hose ID.

<b>“Hose” Size 304L Tubular Stainless Steel Braided Sleeve HoseSaver™ / CableSaver™ Hose Sizes up to 1 ½” Hose size</b>					
Part Number	Actual Size I.D. of braid inch / mm / construction	“Hose” Size ID inch / mm		Braid coverage %	Weight per foot in lbs.
S-METAL-SS-HS-0.38-M0096P3	0.38 / 9.6 / 24x6x.010	1/4"	6	95	.05
S-METAL-SS-HS-0.40-M0101P4	0.40 / 10.1 / 24x5x.014	1/4"	6	98	.09
S-METAL-SS-HS-0.48-M0122P7	0.48 / 12.1 / 24x5x.014	1/4"	6	89	.08
S-METAL-SS-HS-0.50-M0127P9	0.50 / 12.7 / 24x4x.016	1/4"	6	83	.08
S-METAL-SS-HS-0.48-M0122P3	0.48 / 12.1 / 24x7x.010	5/16"	7.9	92	.06
S-METAL-SS-HS-0.48-M0122P4	0.48 / 12.1 / 24x6x.014	5/16"	7.9	98	.10
S-METAL-SS-HS-0.56-M0142P3	0.56 / 14.2 / 24x7x.012	3/8"	9.5	93	.09
S-METAL-SS-HS-0.63-M0161P4	0.63 / 16.1 / 24x8x.014	3/8"	9.5	98	.14
S-METAL-SS-HS-0.63-M0161P7	0.63 / 16.1 / 24x7x.014	3/8"	9.5	91	.12
S-METAL-SS-HS-0.67-M0170P8	0.67 / 17.0 / 24x6x.016	3/8"	9.5	89	.12
S-METAL-SS-HS-0.66-M0167P3	0.66 / 16.7 / 24x8x.012	½"	12.7	92	.10
S-METAL-SS-HS-0.82-M0208P7	0.82 / 20.8 / 24x7x.014	½"	12.7	82	.11
S-METAL-SS-HS-0.82-M0208P8	0.82 / 20.8 / 24x7x.020	½"	12.7	96	.24
S-METAL-SS-HS-0.84-M0213P4	0.84 / 21.3 / 24x9x.014	½"	12.7	94	.16
S-METAL-SS-HS-0.85-M0216P3	0.85 / 21.6 / 36x6x.014	5/8"	15.9	93	.15
S-METAL-SS-HS-1.05-M0267P3	1.05 / 26.7 / 36x8x.014	¾"	19	96	.21
S-METAL-SS-HS-1.21-M0307P8	1.21 / 30.7 / 36x6x.020	¾"	19	92	.31
S-METAL-SS-HS-1.21-M0307P4	1.21 / 30.7 / 36x9x.014	¾"	19	95	.23
S-METAL-SS-HS-1.21-M0307P7	1.21 / 30.7 / 36x8x.014	¾"	19	90	.20
S-METAL-SS-HS-1.22-M0309P9	1.22 / 30.9 / 48x4x.024	¾"	19	93	.27
S-METAL-SS-HS-1.27-M0322P3	1.27 / 32.2 / 48x7x.014	1"	25.4	95	.24
S-METAL-SS-HS-1.50-M0381P8	1.50 / 38.1 / 36x8x.020	1"	25.4	95	.39
S-METAL-SS-HS-1.51-M0383P4	1.51 / 38.3 / 36x10x.014	1"	25.4	92	.26
S-METAL-SS-HS-1.51-M0383P7	1.51 / 38.3 / 36x9x.014	1"	25.4	85	.22
S-METAL-SS-HS-1.52-M0386P9	1.52 / 38.6 / 48x5x.024	1"	25.4	94	.46
S-METAL-SS-HS-1.62-M0411P3	1.62 / 41.1 / 48x9x.014	1 ¼"	41.1	95	.32
S-METAL-SS-HS-1.85-M0470P8	1.85 / 47.0 / 48x6x.025	1 ¼"	41.1	95	.64
S-METAL-SS-HS-1.85-M0470P4	1.85 / 47.0 / 48x8x.016	1 ¼"	41.1	92	.36
S-METAL-SS-HS-1.85-M0470P7	1.85 / 47.0 / 48x7x.016	1 ¼"	41.1	83	.31
S-METAL-SS-HS-1.95-M0495P3	1.95 / 49.5 / 48x9x.016	1 ½"	38.1	94	.40
S-METAL-SS-HS-2.17-M0551P8	2.17 / 55.1 / 48x7x.025	1 ½"	38.1	95	.75
S-METAL-SS-HS-2.19-M0556P4	2.19 / 55.6 / 48x10x.016	1 ½"	38.1	93	.45
S-METAL-SS-HS-2.19-M0556P7	2.19 / 55.6 / 48x9x.016	1 ½"	38.1	87	.39
S-METAL-SS-HS-2.19-M0556P9	2.19 / 55.6 / 48x7x.024	1 ½"	38.1	93	.64

Some items are available By-The-Foot: Produced in long random lengths or 100 / 110 foot lengths

A note about sizes: The “Hose” sizes refer to the nominal hose size. For example: a ¼” “Hose” size nominal braided stainless sleeve is actually 0.48” ID, which would be the nominal OD of a ¼” hose. For “standard” size stainless sleeve see next catalog page.

\* Sizes of 8” and above are normally Braided braid (each pair of parallel wires in each carrier are twisted)

<b>“Hose” Size 304L Tubular Stainless Steel Braided Sleeve HoseSaver™ / CableSaver™ Hose Sizes 2” and larger</b>					
Part Number	Actual Size I.D. of braid inch / mm / construction	“Hose” Size ID inch / mm		Braid coverage %	Weight per foot in lbs.
S-METAL-SS-HS-2.38-M0604P3	2.38 / 60.4 / 48x9x.020	2”	50.8	94	.64
S-METAL-SS-HS-2.51-M0637P9	2.51 / 63.7 / 48x8x.024	2”	50.8	93	.74
S-METAL-SS-HS-2.51-M0637P8	2.51 / 63.7 / 48x9x.025	2”	50.8	95	.94
S-METAL-SS-HS-2.60-M0660P7	2.60 / 66.0 / 48x9x.020	2”	50.8	89	.62
S-METAL-SS-HS-2.61-M0663P4	2.61 / 66.3 / 48x10x.020	2”	50.8	95	.71
S-METAL-SS-HS-3.23-M0820P4	3.23 / 82.0 / 72x8x.020	2 ½”	63.5	94	.70
S-METAL-SS-HS-3.23-M0820P7	3.23 / 82.0 / 72x7x.020	2 ½”	63.5	86	.70
S-METAL-SS-HS-3.23-M0820P8	3.23 / 82.0 / 72x7x.025	2 ½”	63.5	96	1.12
S-METAL-SS-HS-3.78-M0960P4	3.78 / 96.0 / 72x9x.020	3”	76.2	93	.79
S-METAL-SS-HS-3.78-M0960P8	3.78 / 96.0 / 72x9x.025	3”	76.2	88	1.45
S-METAL-SS-HS-3.78-M0960P7	3.78 / 96.0 / 72x8x.020	3”	76.2	85	.79
S-METAL-SS-HS-4.32-M1097P7	4.32 / 109.7 / 72x10x.020	3 ½”	89	84	.99
S-METAL-SS-HS-4.81-M1221P4	4.81 / 122.1 / 72x9x.025	4”	101.6	89	1.45
S-METAL-SS-HS-4.85-M1231P4	4.85 / 123.1 / 72x11x.020	4”	101.6	91	.99
S-METAL-SS-HS-4.85-M1231P7	4.85 / 123.1 / 72x10x.020	4”	101.6	84	.99
S-METAL-SS-HS-5.90-M1498P7	5.90 / 149.8 / 72x8x.025	5”	127	74	1.25
S-METAL-SS-HS-6.87-M1745P7	6.87 / 174.5 / 96x12x.020	6”	152.4	90	1.28
S-METAL-SS-HS-9.09-M2309*P7	9.09 / 230.9 / 96x21x.024	8”	203.2	96	3.88
S-METAL-SS-HS-11.18-M2840*P7	11.18 / 284 / 96x25x.028	10”	254	98	6.10
S-METAL-SS-HS-13.17-M3345*P7	13.17 / 334 / 96x25x.028	12”	304.8	97	5.81
S-METAL-SS-HS-14.70-M373*	14.70 / 373 / 96x29x.025	14”	355	80	7.89

Most items are available By-The-Foot: Produced in long random lengths or 100 / 110 foot lengths

A note about sizes: The “Hose” sizes refer to the nominal hose size. For example: a ¼” “Hose” size nominal braided stainless sleeve is actually 0.48” ID, which would be the nominal OD of a ¼” hose. For “standard” size stainless sleeve see next catalog page.

\* Sizes of 8” and above are normally Braided braid (each pair of parallel wires in each carrier are twisted)

**Stainless Steel Metal Braided Sleeve**  
**XL High Coverage flat sleeve; SD Standard Coverage round sleeve**  
**2500°F / 1371°C: Standard Size HoseSaver™ / CableSaver™**



- “Standard” size stainless braid sleeve: an alternative to “Hose” size sleeve.
- Flexible size – can expand or shrink by approx 25% due to the high braid angle. Expanded position results in slightly lower braid coverage.
- Excellent Abrasion Protection.
- EMI / RFI Gasket & Sleeve.
- Provides Blow-out protection for hydraulic hoses.
- Provides rodent protection for burial cables and hoses.
- Clamps, tape or ties can hold the sleeve tight to underlying wire, cable or hose if required, and at the connector ends.
- S-METAL-SS-XL is supplied as a flat sleeve, on spools. S-METAL-SS-SD is supplied as round.
- S-METAL-SS-XL is a high coverage braid allowing greater expandability than the S-METAL-SS-SD version.

**“Standard” Size 304L Tubular Stainless Steel Braided Sleeve**  
**HoseSaver™ / CableSaver™**

Part Number	ID Size inch / mm		Size Range	Wall Thickness	Spool Length, feet Bulk / Small Spool
S-METAL-SS-XL-0.125-M003-02-X	1/8"	3	1/16 – 11/32	.013"	250 / 100
S-METAL-SS-XL-0.250-M006-04-X	1/4"	6	3/16 – 13/32	.013"	250 / 100
S-METAL-SS-XL-0.375-M010-06-X	3/8"	10	¼ - 5/8	.013"	250 / 100
S-METAL-SS-XL-0.500-M013-08-X	1/2"	13	3/8 – 3/4	.013"	100 / 50
S-METAL-SS-XL-0.750-M019-12-X	3/4"	19	½ - 1 1/4	.013"	100 / 50
S-METAL-SS-XL-1.000-M025-16-X	1"	25	5/8 – 1 5/16	.025"	100 / 50
S-METAL-SS-XL-1.250-M032-20-X	1 1/4"	32	¾ - 1 3/4	.025"	100 / 50
S-METAL-SS-XL-1.500-M035-24-X	1 1/2"	35	1 – 2 1/8	.025"	100 / 50
S-METAL-SS-SD-0.500-M013-08-X	1/2"	13	1/4" - 5/8"	.025"	100 / 25
S-METAL-SS-SD-0.625-M016-10-X	5/8"	16	3/8" - 3/4"	.025"	100 / 25
S-METAL-SS-SD-0.750-M019-12-X	3/4"	19	1/2 - 1"	.025"	100 / 25
S-METAL-SS-SD-1.000-M025-16-X	1"	25	3/4" - 1 1/4"	.025"	100 / 25
S-METAL-SS-SD-1.250-M032-20-X	1 1/4"	32	1 - 1 1/2	.035"	100 / 25
S-METAL-SS-SD-1.750-M044-28-X	1 3/4"	44	1 1/2 - 2 1/4	.040"	100 / 25

For the “X” value: use “B” for Bulk Spool size, use “S” for Small Spool size

For “Hose” size stainless sleeve see previous page