



INSTRUMENTATION/ SMALL BORE TUBING Bulletin #208A
SS304 INTERLOK (FI) & SQUARELOK (SL) CONFIGURATIONS

As one of the founding companies in the metal hose industry, UMH has been the #1 choice for galvanized and stainless steel interlocked and square locked metal hose since 1942!.

Universal Metal Hose Company has added a new series of metal hose products—(FI) Fully InterLok and (SL) SquareLok Instrumentation Tubing. This new product is extremely flexible, sold in bulk on reels and is available in SS304 (other materials may be available, consult factory for current pricing and availability). The Fully InterLok (FI) style is available in 3/16", 7/32" and 1/4" bore sizes and the SquareLok (SL) style is available in sizes that range from 1/16" - 1/2" diameter. This new product is very price competitive and kept that way by selling/shipping this tubing in reel quantities only. Please refer to the chart below for part numbers and feet per reel.

INDUSTRIES/ MARKETS

- **Process & Control Instrumentation**
- **Measuring & Controlling Devices**
- **Analytical & Medical Instrumentation**

COMMON APPLICATIONS

Armoring and Shielding

- ◇ **crush protection**
- ◇ **OE wire temperature control**
- ◇ **animal/ rodent chew prevention**
- ◇ **electrical wiring conduit**
- ◇ **environmental exposure protection**
- ◇ **high PSI water/air/gas line blow back-up**
- ◇ **fiber optic & medical instrumentation wire & cable guidance/ protection**

Fully InterLok (FI) Style

<u>Size</u>	<u>ID</u>	<u>OD</u>	<u>Coiling Diameter</u>	<u>Weight</u>	<u>Part Number</u>	<u>Ft./ Reel</u>
3/16"	.188"	.266"	2.0"	.041lbs/ft.	FI-SS-003	1500ft.
5mm	4.8mm	6.8mm	51mm	.060kgs/m		
7/32"	.218"	.303"	2.0"	.045lbs/ft.	FI-SS-0035	1200ft.
5.5mm	5.5mm	7.7mm	51mm	.067kgs/m		
1/4"	.250"	.329"	2.0"	.046lbs/ft.	FI-SS-004	1000ft.
6mm	6.4mm	8.4mm	51mm	.068kgs/m		

(OD tolerance is +/- 0.008" - ID tolerance is +/- 0.015")

See SquareLok (SL) Style Sizes, Dimensions and Weights Back of Page

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ISO 9001 : 2008

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SquareLok (SL) Style

<u>Size</u>	<u>ID</u>	<u>OD</u>	<u>Coiling Diameter</u>	<u>Weight</u>	<u>Part Number</u>	<u>Ft./ Reel</u>
1/16"	.071"	.118"	1.80"	.008lbs/ft.	SL-SS-001	3280FT.
1.6mm	1.8mm	3.0mm	46mm	.012kgs/		
1/8"	.140"	.200"	1.5"	.017lbs/ft.	SL-SS-002	3000ft.
3.5mm	3.5mm	5.1mm	38mm	.026kgs/m		
5/32"	.156"	.235"	1.8"	.030lbs/ft.	SL-SS-0025	2200ft.
4mm	4.0mm	6.0mm	46mm	.045kgs/m		
3/16"	.188"	.266"	1.8"	.033lbs/ft.	SL-SS-003	1500ft.
5mm	4.8mm	6.8mm	46mm	.049kgs/m		
7/32"	.218"	.303"	1.8"	.040lbs/ft.	SL-SS-0035	1200ft.
5.5mm	5.6mm	7.7mm	46mm	.059kgs/m		
1/4"	.250"	.329"	2.0"	.041lbs/ft.	SL-SS-004	1000ft.
6mm	6.4mm	8.4mm	51mm	.061kgs/m		
9/32"	.282"	.375"	2.0"	.048lbs/ft.	SL-SS-0045	800ft.
7mm	7.2mm	9.5mm	51mm	.072kgs/m		
5/16"	.313"	.410"	2.0"	.055lbs/ft.	SL-SS-005	700ft.
8mm	8.0mm	10.9mm	51mm	.082kgs/m		
3/8"	.375"	.500'	2.0"	.088lbs/ft.	SL-SS-006	500ft.
9.5mm	9.5mm	12.7mm	51mm	.131kgs/m		
1/2"	.500"	.625"	2.5"	.106lbs/ft.	SL-SS-008	300ft.
12.7mm	12.7mm	15.9mm	64mm	.157kgs/m		

(OD tolerance is +/- 0.008" & ID tolerance is +/- 0.015")

Please consult factory for more information—additional sizes and materials may be available.

