



OmegaOne

Fittings.
Made.
Easy.



AMFM Braid Bands
Stainless Steel Tube
and Pipe Fittings



Part Number Description

C - 53 SS - 16

① ② ③ ④

AMFM Braid Bands -

Quality Braid Bands manufactured to meet the requirements of the metal hose industry.



Our unique manufacturing process offers the most economical production of braid bands supported with years of engineering experience behind the manufacturing of our products. Our products and services are designed around the needs of today's metal hose fabricators.

Features

- ① **I.D.** - Formed in variable band types to accommodate a range of hose sizes
- ② **Materials** - Stainless 304 & 316, Copper and Monel
- ③ **Width** - A variety of widths available to suit your needs, or preference
- ④ **Thickness** - Variable material (wall) thickness available in each material type
- ⑤ **Impression Branding** - Braid bands fit over hose and can be imprinted to reflect the necessary information or your company logo.

Call toll free:

800.333.2636

Solid Braid Bands



- 1 **Category**
M through H - See Detail Chart
- 2 **Size Number**
1 through 67 - (.405 through .3005 I.D.) See Detail Chart
- 3 **Material Code**
SS = 304 SS ST= 316 SS C = Copper M = Monel
- 4 **Non-Standard Width**
All widths other than standard are indicated in 1/16" increments (i.e.: - 4 = 1/4" width; - 10 = 5/8" width; - 22 = 1 3/8" width)

NOTE: Only required when width is NOT standard
See Width Notes

	Size	I.D. (Fit Size)	SS	ST	C	M
M	M-1	.405	•			
	M-2	.420	•			
	M-3	.435	•			
	M-4	.450	•			
	M-5	.465	•			
	M-6	.480	•			
	M-7	.495	•			
	M-8	.510	•			
	M-9	.525	•			•
	M-10	.540	•			
	M-11	.555	•			•
	M-12	.570	•	•		
	M-13	.585	•	•		
	M-14	.600	•	•	•	
	M-15	.615	•	•		
	M-16	.630	•	•		
	M-17	.645	•	•		
A	A-18	.660	•	•	•	•
	A-19	.675	•	•	•	•
	A-20	.690	•	•	•	•
	A-21	.705	•	•	•	•
	A-22	.720	•	•	•	•
	A-23	.735	•	•	•	•
	A-24	.750	•	•	•	•
	A-25	.765	•	•	•	•
	A-26	.780	•	•	•	•
	A-27	.795	•	•	•	•
	A-28	.810	•	•	•	•
	A-29	.825	•	•	•	•
	A-30	.840	•	•	•	•
	A-31	.855	•	•	•	•
B	B-32	.870	•	•	•	•
	B-33	.885	•	•	•	•
	B-34	.900	•	•	•	•
	B-35	.915	•	•	•	•
	B-36	.930	•	•	•	•
	B-37	.945	•	•	•	•
	B-38	.960	•	•	•	•
	B-39	.975	•	•	•	•
	B-40	.990	•	•	•	•
	C	C-41	1.005	•	•	•
C-42		1.020	•	•	•	•
C-43		1.035	•	•	•	•
C-44		1.050	•	•	•	•
C-45		1.065	•	•	•	•
C-46		1.080	•	•	•	•
C-47		1.095	•	•	•	•
C-48		1.110	•	•	•	•
C-49		1.125	•	•	•	•
C-50		1.140	•	•	•	•
C-51		1.155	•	•	•	•
C-52		1.170	•	•	•	•
C-53		1.185	•	•	•	•
C-54		1.200	•	•	•	•
C-55		1.215	•	•	•	•
C-56		1.230	•	•	•	•

	Size	I.D. (Fit Size)	SS	ST	C	M
D	D-57	1.245	•	•		
	D-58	1.260	•	•	•	
	D-59	1.275	•	•	•	
	D-60	1.290	•	•	•	
	D-61	1.305	•	•	•	
	D-62	1.320	•	•	•	
	D-63	1.335	•	•	•	
	D-64	1.350	•	•	•	
	D-65	1.365	•	•	•	
	D-66	1.380	•	•	•	
	D-67	1.395	•	•	•	
	D-68	1.410	•	•	•	
	D-69	1.425	•	•	•	
	D-70	1.440	•	•	•	
E	E-74	1.500	•		•	
	E-75	1.515	•		•	•
	E-76	1.530	•		•	•
	E-77	1.545	•		•	•
	E-78	1.560	•		•	•
	E-79	1.575	•		•	•
	E-80	1.590	•		•	•
	E-81	1.605	•		•	•
	E-82	1.620	•		•	•
	E-83	1.635	•	•	•	•
	E-84	1.650	•	•	•	•
	E-85	1.665	•	•	•	•
	E-86	1.680	•	•	•	•
	E-87	1.695	•	•	•	•
F	F-97	1.845	•		•	
	F-98	1.860	•		•	•
	F-99	1.875	•		•	•
	F-100	1.890	•		•	•
	F-101	1.905	•		•	•
	F-102	1.920	•		•	•
	F-103	1.935	•		•	•
	F-104	1.950	•		•	•
	F-105	1.965	•		•	•
	F-106	1.980	•		•	•
	F-107	1.995	•		•	•
	F-108	2.010	•		•	•
	F-109	2.025	•		•	•
	F-110	2.040	•		•	•
F-111	2.055	•		•	•	
F-112	2.070	•		•	•	
F-113	2.085	•		•	•	
F-114	2.100	•		•	•	
F-115	2.115	•		•	•	
F-116	2.130	•		•	•	

	Size	I.D. (Fit Size)	SS	ST	C	M
F	F-117	2.145	•		•	
	F-118	2.160	•		•	
	F-119	2.175	•		•	
	F-120	2.190	•		•	
	F-121	2.205	•		•	
	F-122	2.220	•		•	
	F-123	2.235	•		•	
	F-124	2.250	•		•	
	F-125	2.265	•		•	
	F-126	2.280	•		•	
	F-127	2.295	•		•	
	F-128	2.310	•		•	
	F-129	2.325	•		•	
	F-130	2.340	•		•	
F-131	2.355	•		•		
F-132	2.370	•		•		
FX	FX-133	2.385	•			
	FX-134	2.400	•			
	FX-135	2.415	•	•		
	FX-136	2.430	•	•		
	FX-137	2.445	•	•		
	FX-138	2.460	•	•		
	FX-139	2.475	•	•		
	FX-140	2.490	•	•		
	FX-141	2.505	•	•		
	FX-142	2.520	•	•		
	FX-143	2.535	•	•		
	FX-144	2.550	•	•		
	FX-145	2.565	•	•		
	FX-146	2.580	•	•		
FX-147	2.595	•	•			
FX-148a	2.610	•	•			
FX-148b	2.625	•	•			
FX-148c	2.640	•	•			
FX-148d	2.655	•	•			
FX-148e	2.670	•	•	•		
FX-149a	2.685	•	•			
FX-149b	2.700	•	•			
FX-149c	2.715	•	•			
FX-149d	2.730	•	•			
FX-149e	2.745	•	•			
G	G-150	2.750	•			
	G-151	2.765	•			
	G-152	2.780	•			
	G-153	2.795	•			
	G-154	2.810	•			
	G-155	2.825	•			
	G-156	2.840	•			
	G-157	2.855	•			
	G-158	2.870	•			
G-159	2.885	•				
H	H-160	2.900	•		•	
	H-161	2.915	•		•	
	H-162	2.930	•		•	
	H-163	2.945	•		•	
	H-164	2.960	•		•	
	H-165	2.975	•		•	
	H-166	2.990	•		•	
	H-167	3.005	•		•	



Braid Band Specifications

AMFM Incorporated Braid Bands are manufactured to a “Fit Size” reflecting the hose size the band ID is produced to accommodate. There are two methods of specification:

1. AMFM Standard Specification, designated by AMFM part number, fit size indicated in ID column of catalog.
2. Customer Part Number Control, see Production Control section of this catalog for details.

I.D.
(Fit Size)

Braid Bands are manufactured to “Fit Size”. Fit size can only be accurately determined at time of manufacture. Parts are subject to changes from handling, secondary operation, packaging and shipping. These changes do not affect the Fit Size for this intended use, unless the parts are mechanically deformed. Due to these minor dimension changes from handling, AMFM CANNOT provide parts to specific minimum or maximum dimensions, as it will cause limitation and incorrect Fit Size. Reference the Hose Sizing section (page 4) of this catalog for detail regarding properly sizing AMFM Incorporated braid bands.

STANDARD TOLERANCE: “Fit Size” + .010 / - .005

Standard Widths indicated below or Non-Standard Width as indicated by the part number. Non-standard widths are indicated as shown in the Part Number Description (⊕). All usable widths can be supplied. Delivery is subject to non-standard lead times depending on the specific requirements. Many alternate widths are available in as standard stock. Any width can be made standard stock with ongoing demand. Parts manufactured by Customer Specification require width indication.

Width

Material	M	A	B	C	D	E	F	FX	G	H
SS, ST, M	.375	.500	.625	.625	.750	.750	.750	.750	.750	.750
C	.375	.500	.500	.625	.625	.750	1.00	--	--	--

STANDARD TOLERANCE: Overall Width: + .060 / - .060

AMFM Incorporated Braid Bands have standard wall thickness as reflected by the chart below.

Wall
Thickness

Material	M	A	B	C	D	E	F	FX	G	H
SS, ST	.035	.049	.049	.049	.049	.049	.049	.049	.065	.065
C	.049	.049	.049	.055	.055	.055	.050	--	--	.068
M	--	.048	.037	.037	.037	.065	.065	--	--	--

STANDARD TOLERANCE: Varies by Materials +/- .0075 (max.)

Parts are produced in selected Standard Materials as indicated in charts.

Material

304 Stainless Steel	(SS)	ASTM 304 Stainless Steel (material certification available)
316 Stainless Steel	(ST)	ASTM 316 Stainless Steel (material certification available)
Copper	(C)	Alloy 122 Hard Copper
Monel	(M)	Alloy 400 – M (material certification available)



Sizing AMFM Braid Bands

AMFM Braid Bands must be sized for each individual hose and configuration. This is specified Fit Size as defined in the specifications section of this catalog.

- The AMFM sizing gauge was developed exclusively for use with braided metal hose to indicate the appropriate AMFM Braid Band for the hose being measured.
- Selecting size from catalog dimensions from hose manufacturer or measuring hose without consulting factory is not recommended.
- More than one “standard” size increment will fit a braided hose with nominal difference except in smaller hose sizes (under 1”).
- Double braid hoses generally require the equivalent increase of approximately three standard sizes over the single braid size.
- AMFM Braid Bands offer very close consistency and in some instances can exceed that of the hose. This may require alternate bands when a very tight fit is used that leaves no ability to consume a minor increase in hose diameter.



Parts Characteristics & Features

Out of Round	This value can only be determined at the time of manufacture in most sizes; Due to handling as mentioned in ID Section. Acceptable tolerances applied at time of manufacture do not affect the part “Fit Size”.
Edge Protrusion	Referring to general edge condition. Single point protrusion or burr, with specification maximum of .0075” and .005”, respectively. All edges burr free and square.
Edge Variation Edge (Parallel & Square)	With reference perpendicular to ID, part edge variations can deviate in parallel, part square, or basic material irregularities. Variations can involve a single edge or both. Specification calls for a maximum “gap distance” when measuring with reference to ID surface and corresponding perpendicular edge. Gap Specifications vary from .010” to .040” depending on part size and material.

Certification Available

AMFM Incorporated Braid Bands are manufactured to be used as temporary welding fixtures in the fabrication of industrial use metal hose assemblies only. No other usage or application is intended or recommended. To the extent that such products are used for any other purpose, AMFM INCORPORATED disclaims both their merchantability and fitness for such unintended use. There are no warranties which extend beyond the description contained herein.

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WB - 200 - S 08 SS

1

2

3

4

5

BC - RDM - S 16 SS

Standard Wrapped Bands

Availability

Material Type and Thickness			Profile 200 and Under			Profile 250 and Over	
Available Weight			-08	-12	-16	-08	-12
304SS	Light	.028	•	•	•		•
	Standard	.048		•			
	Heavy	.060			200 Only		
316SS	Light	.028			•		
	Standard	.048					
	Heavy	.060			200 Only		
Copper	Standard	.048				•	•
	Heavy	.060					•
Monel	Standard	.048	Consult Factory				



Imprinting Wrapped Bands

The same considerations provided when welding imprinted braid bands to metal hose must be considered when imprinting wrapped bands. Minimum band width typically required is 3/4". Reference the Imprinting section for full details.

Cut Strip

Availability

Material	Material Weight	Available Widths			
		08	12	16	
304 Stainless Steel	Light	.028	•	•	•
	Standard	.048		•	•
	Heavy	.060			•
316 Stainless Steel	Standard	.048			•
	Heavy	.1			•
Copper	Standard	.048	•	•	•
	Heavy	.1		•	•
Monel	Light	.032	•	•	
	Standard	.048		•	

All cut strip lengths are available on a custom basis. Lengths are not stocked with out prior arrangement. Lengths based on customer specification.

Wrapped Bands



1 Product Code

WB = Wrapped Band
BC = Bulk Coil
CS = Cut Strip Available

3 Material Thickness

Light = .028
Standard = .048
Heavy = .060
Wrapped Bands
.065 Bulk Coil

2 Profile (I.D.)

Wrapped Bands	Bulk Coil
075 = 3/4"	10 = 10'
100 = 1"	25 = 25'
150 = 1 1/2"	50 = 50'
200 = 2"	100 = 100'
250 = 2 1/2"	RDM = Random
300 = 3"	
400 = 4"	
500 = 5"	
600 = 6"	
800 = 8"	
1000 = 10"	
1200 = 12"	

4 Material Width

-08 = 1/2"
-12 = 3/4"
-16 = 1"
-20 = 1 1/4"
-24 = 1 1/2"

5 Material Code

SS = 304
ST = 316
C = Copper
M = Monel

Bulk Coil

Availability

Material Weight			Available Lengths				Available Widths					
			25'	50'	100'	RDM	08	12	16	20	24	
304SS	Light	.028	•	•	POA	POA	•	•				
	Standard	.048	•	•	•	•		•	•			
	Heavy	.060	•	•	POA	•			•	•		
316SS	Light	.028	•	•	POA	POA						
	Standard	.048	•	•	POA	POA			•			
	Heavy	.060	•	•	POA	POA			•			
Copper	Light	.028	•	•	POA	POA	•	•				
	Standard	.048	•	•	POA	POA	•	•				
	Heavy	.060	•	•	POA	POA	•	•	•			
Monel	Light	.032	Monel Bulk coil is available in 8'-10' coil lengths only. Consult factory for details				•					
	Standard	.048						•				

POA – These items are non-stock, consult factory for lead times and availability.

AMFM Incorporated Bulk Strip is packaged conveniently for easy storage and use.



Bulk Coil Specifications

Material	Width	Material Thickness			Alloy/Grade
		Light	Standard	Heavy	
Stainless Steel	+ .075/- .075	.026 to .031	.046 to .053	.057 to .065	Stainless 304 & 316
Copper	+ .075/- .075	--	.047 to .053	.061 to .066	Copper - 110 Alloy
Monel	+ .030/- .030	.030 to .034	.047 to .053	--	Monel - 400 Alloy

Length Tolerance: All Bulk Coil carries a plus only tolerance.

	10' Coil	25' Coil	50' Coil	100' Coil	Random Coil
I.D./O.D.	10"/11"	9"/11"	8 1/2" / 11"	7"/11"	12"/22"
Shipping Wt.	1 to 3#	2 to 7#	3 to 13#	13 to 26#	36 to 70#

Custom Imprinting

Custom imprinting offers increased flexibility for your metal hose fabrication. AMFM Incorporated imprinting programs allow you to customize assemblies to reflect important information. Typical applications include:

- Company name recognition
- Assembly dating
- Application information critical to end user

Feature	FIXED Program	FLEXIBLE Program
Wide range of type availability	•	
Variable letter spacing	•	
3 or more lines, single set up	•	
Logo or special type	•	
Imprinting all products	•	•
Change set up per release		•
Economical occasional user	•	•
Immediately available		•

Single Line Imprint

Unprinted area, approx. 1/8"
AMFM Inc.
Unprinted area, approx. 1/8"

Two Line Imprint

Unprinted area, approx. 1/8"
AMFM Inc.
800-333-2636
Unprinted area, approx. 1/8"

Type Sizing

Band width is important when considering type size. Small braid bands and narrow width wrapped bands have limited imprinting surface. For small parts, small type sizes is advisable. Consult factory for application questions.

Standard allocation for all programs includes allocation of 1/8" above and below the imprint area. Collars used as an ID tag do not require the additional space.

Note: Non-standard width part required for M and A series braid bands requiring two lines of flexible imprint. Consult factory for details; parts not welded to metal hose (used as tag) may not require non-standard width.

Fixed and Flexible programs detailed on the following pages.

Line Art/Company Logo Options:

Possible

A	M
F	M

Not Possible

AMFM
Incorporated



AMFM Recommendation:

For dating applications we recommend referencing the quarter and year. This allows you flexibility as far as dating your assemblies without wasting valuable inventory.

Fixed Imprinting Program

- Permanent set up or company logo for long-term use.
- Specify standard with your order for no hassle purchasing.

The Fixed Imprinting program allows customers to establish a permanent imprint that cannot be changed. This allows for maximum investment for long-term use of a standard imprint. The fixed program may be combined with flexible program options.

Fixed Program Specifications

Typical Type Sizes	3/32"		1/8"	5/32"
Characters Per Line	Approx. 14		Approx. 10	Approx. 8
Fixed Imprint Types	Single Line	Two Separate Interchangeable Lines		Single Block
Part Width Requirement	Imprint area 1/4"	Imprint area 1/2"		Imprint area 5/32"
Features	<ul style="list-style-type: none"> • Imprinting single or multiple lines is possible. • Types size independent per line. • Line order changeable. • Multiple single lines can be established and used interchangeably as required. • Requires more space for imprint than single block 		<ul style="list-style-type: none"> • Run full imprint only • Type sizes variable per line • Line order fixed • Tighter spacing allowing more imprint on less space. 	

Flexible Imprinting Program

- Ideal for one time marking or special identification limited occurrence
- Easy to specify as needed on per-order basis

The Flexible Imprinting program allows customers to set up a one time or limited occurrence imprint as needed. Use of our flexible worksheet allows for easy ordering and can be attached to any purchase order.

Type Specifications

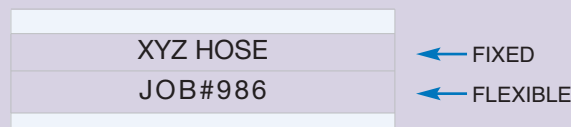
Type Size	Overall Height Requirement (2 line of imprint)	Characters/Spaces Per Line	Information	Type Size
3/32"	11/32"	14	Letters:	A through Z (uppercase only)
1/8"	3/8"	10	Numbers:	0 through 9
			Symbols:	# - / ' " .

NOTE:

Non-standard width part required for M and A series braid bands requiring two lines of flexible imprint. Consult factory for details; parts not welded to metal hose (used as tag) may not require non-standard width.

Imprinting Program Information

Additional information may be included on a second imprint run on the side opposite of the first imprint. Double run imprints requires additional set up and run charges, consult price sheet or factory for details.





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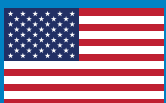
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