

Multi-Colored Ribbon (MCR)

Specifications

Temperature Range
-40°F to +165°F

Vacuum Rating
85A-95A: To 28" Hg.

Diameter Tolerances
1/8" - 9/16": ±.005"
3/4": ±.007"
Metric: ±.127mm

Tube Markings
None

Working Pressure
3:1 Safety Factor

UV Stabilized
95A & 85A

Resin Compliance
95A: NSF61
Meets UL94HB
85A: NSF61
Meets UL94HB
USPVI

Suggested Fittings
95A: Barb, Push-In, FX
85A: Barb

Multi-Colored Ribbon tubing (MCR) is a bonded ribbon of multi-colored Fre-Thane® Polyurethane tubing. Any time that you are routing two or more lines, MCR is the way to go. It offers faster installation times and eliminates the need for spiral wrap or jacketing.

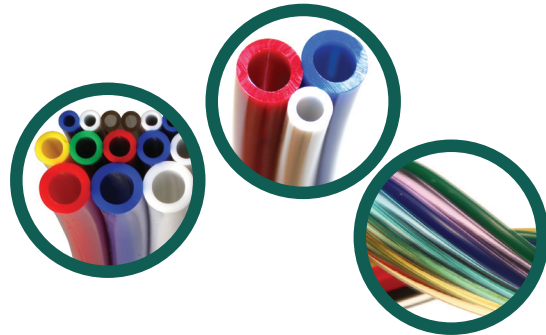
Freelin-Wade's proprietary bonding process allows the tubing to be separated without leaving any residue. This ensures a tight, leak free seal with push-in style fittings. MCR is a durable, cost-effective way to color code your tubing lines for identification, tracing or troubleshooting. Additionally, MCR will withstand the rigors of flexing and stretching, just like the rest of our polyurethane tubing.

MCR is available in a wide range of stock configurations which are listed below and to the right. In addition, variations are easy. Freelin-Wade will make MCR to suit your needs. Our unique manufacturing process enables us to bond up to 20 tubes, mixing and matching colors, sizes and configurations.

Common MCR Variations

Features

- Bond 2 to 20 tubes, up to 3.5" wide
- Use multiple colors in any combination.
- Mix or match tube sizes.
- Tubes can be stacked into many configurations.
- Color code your lines making routing and line identification easy.



85A Standard Multi-Colored Ribbon (MCR)

Part Number & Color Code	Packaging Unit Size	OD	ID	Color Arrangement	Working Pressure 75°F/25°C	lbs./100'	Bend Radius	Fitting
2M-013-01-10 2ME-013-01-10	100' Bag Cut Length	1/8"	.066"	01 10	135 PSI	.86	3/16"	B
4M-013-26-28-29-25 4ME-013-26-28-29-25	100' Bag Cut Length	1/8"	.066"	26 28 29 25	135 PSI	1.72	3/16"	B
6M-013-06-07-05-08-09-12 6ME-013-06-07-05-08-09-12	100' Bag Cut Length	1/8"	.066"	06 07 05 08 09 12	135 PSI	2.58	3/16"	B
8M-013-11-04-32-27-26-28-29-25 8ME-013-11-04-32-27-26-28-29-25	100' Bag Cut Length	1/8"	.066"	11 04 32 27 26 28 29 25	135 PSI	3.44	3/16"	B
8M-013-10-10-10-10-10-10-10-10 8ME-013-10-10-10-10-10-10-10-10	100' Bag Cut Length			10 10 10 10 10 10 10 10				
2M-025-01-10 2ME-025-01-10	100' Bag Cut Length	1/4"	1/8"	01 10	145 PSI	3.60	1/2"	B
4M-025-26-28-29-25 4ME-025-26-28-29-25	100' Bag Cut Length			26 28 29 25				
4M-025-01-01-01-01 4ME-025-01-01-01-01	100' Bag Cut Length	1/4"	1/8"	01 01 01 01	145 PSI	7.20	1/2"	B
4M-025-10-10-10-10 4ME-025-10-10-10-10	100' Bag Cut Length			10 10 10 10				
6M-025-06-07-05-08-09-12 6ME-025-06-07-05-08-09-12	100' Bag Cut Length	1/4"	1/8"	06 07 05 08 09 12	145 PSI	10.80	1/2"	B
6M-025-10-10-10-10-10-10 6ME-025-10-10-10-10-10-10	100' Bag Cut Length			10 10 10 10 10 10				
8M-025-11-04-32-27-26-28-29-25 8ME-025-11-04-32-27-26-28-29-25	100' Bag Cut Length	1/4"	1/8"	11 04 32 27 26 28 29 25	145 PSI	14.40	1/2"	B

Variations Available:

Coiling • Colors • Cutting • Packaging • Sizes

95A Standard Multi-Colored Ribbon (MCR)

Part Number & Color Code	Packaging Unit Size	OD	ID	Color Arrangement	Working Pressure 75°F/25°C	lbs./ 100'	Bend Radius	Fitting
2M-157-05-07 2ME-157-05-07	100' Bag Cut Length	1/8"	.066"	05 07	255 PSI	.88	1/4"	B, PI
4M-157-05-07-11-10 4ME-157-05-07-11-10	100' Bag Cut Length	1/8"	.066"	05 07 11 10	255 PSI	1.72	1/4"	B, PI
6M-157-08-06-05-07-11-10 6ME-157-08-06-05-07-11-10	100' Bag Cut Length	1/8"	.066"	08 06 05 07 11 10	255 PSI	2.60	1/4"	B, PI
8M-157-25-27-08-06-05-07-11-10 8ME-157-25-27-08-06-05-07-11-10	100' Bag Cut Length	1/8"	.066"	25 27 08 06 05 07 11 10	255 PSI	3.52	1/4"	B, PI
2M-156-05-07 2ME-156-05-07	100' Bag Cut Length	5/32"	3/32"	05 07	210 PSI	1.24	3/8"	B, PI
4M-156-05-07-11-10 4ME-156-05-07-11-10	100' Bag Cut Length	5/32"	3/32"	05 07 11 10	210 PSI	2.48	3/8"	B, PI
6M-156-08-06-05-07-11-10 6ME-156-08-06-05-07-11-10	100' Bag Cut Length	5/32"	3/32"	08 06 05 07 11 10	210 PSI	3.72	3/8"	B, PI
2M-151-05-07 2ME-151-05-07	100' Bag Cut Length	1/4"	.160"	05 07	175 PSI	2.88	1/2"	B, PI, FX
4M-151-05-07-11-10 4ME-151-05-07-11-10	100' Bag Cut Length	1/4"	.160"	05 07 11 10	175 PSI	5.76	1/2"	B, PI, FX
6M-151-08-06-05-07-11-10 6ME-151-08-06-05-07-11-10	100' Bag Cut Length	1/4"	.160"	08 06 05 07 11 10	175 PSI	8.64	1/2"	B, PI, FX
8M-151-25-27-08-06-05-07-11-10 8ME-151-25-27-08-06-05-07-11-10	100' Bag Cut Length	1/4"	.160"	25 27 08 06 05 07 11 10	175 PSI	11.52	1/2"	B, PI, FX
2M-152-05-07 2ME-152-05-07	100' Bag Cut Length	3/8"	.245"	05 07	170 PSI	6.30	7/8"	B, PI, FX
4M-152-05-07-11-10 4ME-152-05-07-11-10	100' Bag Cut Length	3/8"	.245"	05 07 11 10	170 PSI	12.60	7/8"	B, PI, FX

Metric Sizes

Part Number & Color Code	Packaging Unit Size	OD	ID	Color Arrangement	Working Pressure 75°F/25°C	lbs./ 100'	Bend Radius	Fitting
2M-156-05-07 2ME-156-05-07	100' Bag Cut Length	4mm	2.4mm	05 07	210 PSI	1.24	9.5mm	B, PI
4M-156-05-07-11-10 4ME-156-05-07-11-10	100' Bag Cut Length	4mm	2.4mm	05 07 11 10	210 PSI	2.48	9.5mm	B, PI
6M-156-08-06-05-07-11-10 6ME-156-08-06-05-07-11-10	100' Bag Cut Length	4mm	2.4mm	08 06 05 07 11 10	210 PSI	3.72	9.5mm	B, PI
2M-158-09-01 2ME-158-09-01	100' Bag Cut Length	6mm	4mm	09 01	160 PSI	2.42	12.7mm	B, PI
4M-158-09-01-11-10 4ME-158-09-01-11-10	100' Bag Cut Length	6mm	4mm	09 01 11 10	160 PSI	4.84	12.7mm	B, PI
2M-159-06-08 2ME-159-06-08	100' Bag Cut Length	8mm	5mm	06 08	190 PSI	4.72	19mm	B, PI
4M-159-06-08-11-10 4ME-159-06-08-11-10	100' Bag Cut Length	8mm	5mm	06 08 11 10	190 PSI	9.44	19mm	B, PI

Variations Available:

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95A Multi-Colored Ribbon (MCR) Coils

Part Number & Color Code	OD	ID	Tail Length	Color Arrangement	Working Pressure		Material Length	Working Length	Retracted Length	Coil ID
					75°F/25°C	150°F/65°C				
2MC-156-5 2MC-156-10	5/32"	3/32"	8"	05 07	190 PSI	75 PSI	5'	3.75'	3.75"	1"
10'							7.5'	9"	1"	
2MC-151-5 2MC-151-10	1/4"	.160"	8"	05 07	155 PSI	60 PSI	5'	3.75'	5.6"	1"
10'							7.5'	13.25"	1"	
2MC-152-5 2MC-152-10	3/8"	.245"	8"	05 07	150 PSI	60 PSI	5'	3.75'	5"	1.75"
10'							7.5'	11.5"	1.75"	

Variations Available:

Colors • Cutting • Packaging • Sizes

USA & International: 503-434-5561

US Toll Free: 888-373-9233

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