

# Fre-Thane® Polyurethane Coils



**F**re-Thane® polyurethane coils possess outstanding memory, a soft feel and superior flexibility. These coils are extraordinarily tough and resistant to abrasion, overstretching, kinking and repeated flexing. Freelin-Wade's coils have two straight tails, one that is 8" long and the other that is 16" long.

Variations are easy. If you don't see the color or length that you want, just ask us. We can configure Fre-Thane® Coils to perfectly match your requirements.

## Specifications

**Temperature Range**  
-40°F to +125°F

**Vacuum Rating**  
To 28" Hg.

**Diameter Tolerances**  
±.005"

**Working Pressure**  
3:1 Safety Factor

**UV Stabilized**  
95A & 85A

**Resin Compliance**  
See Page 8 for Fre-Thane Compliances

**Suggested Fittings**  
Barb, Push-In (95A)

## Fre-Thane® Single Tube Polyurethane Coils

Part Number & Color Code	OD	ID	DUR	Standard Colors	Working Pressure		Material Length	Working Length	Retracted Length	Coil ID
					75°F/25°C	150°F/65°C				
1W-013-__	1/8"	.066"	85A	01 02 04 05 06 07 08 09 10 11 12 14 25 26 27 28 29 32 45 46	115 PSI	45 PSI	10'	8'	8"	3/8"
1W-025-__	1/4"	1/8"	85A	01 04 05 06 07 08 09 10 11 25 26 27 28	125 PSI	50 PSI	10'	8'	5"	3/4"
1W-132-__	1/4"	.159"	90A	01 07 08 10 14 25 27	115 PSI	45 PSI	10'	8'	9.25"	3/4"
1W-005-__	3/8"	.245"	90A	01 05 07 10 11 25 27	105 PSI	40 PSI	10'	8'	7.5"	1-1/4"
1Z-005-__							25'	20'	22"	
1W-151-__	1/4"	.16"	95A	01 04 05 06 07 08 09 10 11 25 26 27 28	150 PSI	60 PSI	10'	8'	7"	1"
1X-151-__	1/4"	.16"	95A				15'	12.5'	9.5"	
1Y-151-__	1/4"	.16"	95A				20'	17'	12.5"	
1Z-151-__	1/4"	.16"	95A				25'	20'	15.5"	
1W-152-__	3/8"	.245"	95A	01 05 06 07 08 10 11 25 27 28 46	130 PSI	60 PSI	10'	8'	6"	1-3/4"
1X-152-__	3/8"	.245"	95A				15'	12.5'	9.5"	
1Y-152-__	3/8"	.245"	95A				20'	17'	13"	
1Z-152-__	3/8"	.245"	95A				25'	20'	16"	

Variations Available:

Colors • Cutting • Bonding • Printing • Packaging • Sizes

## Metric Fre-Thane® Single Tube Polyurethane Coils

Part Number & Color Code	OD	ID	DUR	Standard Colors	Working Pressure		Material Length	Working Length	Retracted Length	Coil ID	Tail Length
					75°F/25°C	150°F/65°C					
1W-156-__	4mm	2.4mm	95A	01 02 04 05 06 07 08 09 10 11 12 25 26 27 28 37	165 PSI	85 PSI	3.05 M	2.6 M	133.4mm	19.1mm 16.99/33.9mm	
1X-156-__	4mm	2.4mm	95A				4.57 M	3.8 M	216mm		
1Y-156-__	4mm	2.4mm	95A				6.1 M	5.2 M	292mm		
1Z-156-__	4mm	2.4mm	95A				7.62 M	6.4 M	381mm		
1W-158-__	6mm	4mm	95A	01 04 05 06 07 08 09 10 11 25 26 27 37	135 PSI	65 PSI	3.05 M	2.6 M	139.7mm	25.4mm 16.9/33.9mm	
1X-158-__	6mm	4mm	95A				4.57 M	3.8 M	241.3mm		
1Y-158-__	6mm	4mm	95A				6.1 M	5.2 M	330mm		
1Z-158-__	6mm	4mm	95A				7.62 M	6.4 M	419mm		
1W-159-__	8mm	5mm	95A				01 05 06 07 08 10 11 25 27 37 46	160 PSI	75 PSI		3.05 M
1X-159-__	8mm	5mm	95A	4.57 M	3.8 M	254mm					
1Y-159-__	8mm	5mm	95A	6.1 M	5.2 M	343mm					
1Z-159-__	8mm	5mm	95A	7.62 M	6.4 M	444.5mm					
1W-160-__	10mm	6.5mm	95A	01 05 06 07 08 10 27	135 PSI	70 PSI	3.05 M	2.6 M	139.7mm	44.5mm 16.9/33.9mm	
1X-160-__	10mm	6.5mm	95A				4.57 M	3.8 M	228.6mm		
1Y-160-__	10mm	6.5mm	95A				6.1 M	5.2 M	317.5mm		
1Z-160-__	10mm	6.5mm	95A				7.62 M	6.4 M	406.4mm		

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