

# Nylon: D.O.T., High Pressure, & Super Soft

## Specifications

**Temperature Range**  
 HP: -60°F to +200°F  
 SS: -40°F to +180°F  
 DOT: -60°F to +200°F

**Vacuum Rating**  
 All: To 28" Hg.

**Diameter Tolerances**  
 HP: < OD .5": ±.004"  
 > OD .5": ±.005"  
 SS: ±.004"  
 DOT: 1/8" - 1/4": ±.003"  
 5/16": ±.004"

**Hardness**  
 HP: 108 Rockwell R  
 SS: 57 Shore D  
 DOT: 78 Rockwell R

**Tube Markings**  
 HP & SS: FW Specs  
 DOT: DOT Specs

**Working Pressure**  
 4:1 Safety Factor

**UV Stabilized**  
 All: Yes

**Resin Compliance**  
 Meets UL94HB Testing Requirements

**Suggested Fittings**  
 Push-In, Compression

## D.O.T. Nylon 11

D.O.T. tubing is made using our standard Nylon. Type "A" Air Brake tubing is ideal for use on vehicles for instrumentation and pneumatic accessories connected to the air brake system. Type "A" Air Brake tubing is non-reinforced and meets SAE J844 specifications and is available in a variety of colors.



D.O.T. Nylon

## High Pressure Nylon 11

Freelin-Wade's High Pressure Nylon tubing is made from a semi-rigid compound that has outstanding tensile strength and chemical resistance, making it the ideal choice for chemical and oil processing lines, tool lubricating systems and other applications that require a high quality Nylon material with much higher burst ratings.

## Super Soft Nylon 11

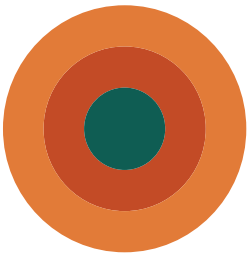
Freelin-Wade's Super Soft Nylon 11 tubing is formulated with a special compound to significantly increase flexibility while retaining the outstanding qualities of our standard Nylon tubing. This advantage makes our Super Soft Nylon 11 the ideal choice where media and environmental conditions make polyurethane impractical.

- More flexible than standard Nylon tubing
- Heat and light stabilized.

## D.O.T. Tubing

Part Number & Color Code	Packaging Unit Size	OD	Wall	Standard Colors	Burst Pressure 75°F/25°C	lbs./100'	Bend Radius	Fitting
1J-220- ___	100' Bag	1/8"	.023	01 05 07 08 09	1000 PSI	.34	3/8"	PI, C
1C-220- ___	500' Reel							
1B-220- ___	1000' Reel							
1A-220- ___	2000' Reel							
1J-221- ___	100' Reel	5/32"	.032	01 05 06 07 09	1200 PSI	.57	1/2"	PI, C
1C-221- ___	500' Reel							
1B-221- ___	1000' Reel							
1A-221- ___	2000' Reel							
1J-222- ___	100' Bag	3/16"	.036	01 05 06 08 09	1200 PSI	.77	3/4"	PI, C
1B-222- ___	500' Reel							
1A-222- ___	2000' Reel							
1J-223- ___	100' Bag	1/4"	.040	01 05 06 07 08 09	1200 PSI	1.21	1"	PI, C
1B-223- ___	500' Reel							
1A-223- ___	1000' Reel							
1J-225- ___	100' Bag	5/16"	.040	01 05 07 09	1000 PSI	1.57	1-1/4"	PI, C
1A-225- ___	500' Reel							

Variations Available: Coiling • Colors • Cutting • Bonding • Printing • Packaging • Sizes



## High Pressure Nylon 11

Part Number & Color Code	Packaging Unit Size	OD	ID	Wall	Standard Colors	Working Pressure		lbs./100'	Bend Radius	Fitting
						75°F/25°C	150°F/65°C			
1J-280- ___ 100' Bag										
1B-280- ___ 500' Reel		1/8"	.073"	.026"	10	800 PSI		.39	5/16"	PI, C
1A-280- ___ 2500' Reel										
1J-281- ___ 100' Bag										
1B-281- ___ 500' Reel		3/16"	.109"	.039"	10	800 PSI		.88	7/16"	PI, C
1A-281- ___ 2000' Reel										
1J-282- ___ 100' Bag										
1B-282- ___ 500' Reel		1/4"	.150"	.050"	01 10	800 PSI		1.51	9/16"	PI, C
1A-282- ___ 1000' Reel										
1J-283- ___ 100' Bag										
1A-283- ___ 500' Reel		3/8"	.225"	.075"	10	800 PSI		3.39	1"	PI, C
1A-284- ___ 250' Reel										
1AA-284- ___ 500' Reel		1/2"	.350"	.075"	10	530 PSI		4.81	2"	PI, C

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Super Soft Nylon

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Part Number & Color Code	Packaging Unit Size	OD	ID	Wall	Standard Colors	Working Pressure		lbs./100'	Bend Radius	Fitting
						75°F/25°C	150°F/65°C			
1J-260- ___ 100' Bag										
1C-260- ___ 500' Reel		1/8"	.093"	.016"	01 10	200 PSI	120 PSI	.25	9/16"	PI, C
1B-260- ___ 1000' Reel										
1A-260- ___ 2500' Reel										
1J-261- ___ 100' Bag										
1C-261- ___ 500' Reel		5/32"	.106"	.025"	01 10	220 PSI	130 PSI	.45	9/16"	PI, C
1B-261- ___ 1000' Reel										
1A-261- ___ 2500' Reel										
1J-264- ___ 100' Bag										
1B-264- ___ 500' Reel		1/4"	.180"	.035"	01 10	180 PSI	110 PSI	1.04	1"	PI, C
1A-264- ___ 1000' Reel										
1J-265- ___ 100' Bag										
1A-265- ___ 500' Reel		5/16"	.232"	.040"	01 10	170 PSI	100 PSI	1.52	1-1/4"	PI, C
1J-266- ___ 100' Bag										
1A-266- ___ 500' Reel		3/8"	.275"	.050"	01 10	160 PSI	90 PSI	2.26	1-5/8"	PI, C
1J-267- ___ 100' Bag										
1AA-267- ___ 500' Reel		1/2"	3/8"	.062"	01 10	140 PSI	80 PSI	3.80	2-1/2"	PI, C

### Metric Sizes

Part Number & Color Code	Packaging Unit Size	OD mm	ID mm	Wall mm	Standard Colors	Working Pressure		lbs./100'	Bend Radius	Fitting
						75°F/25°C	150°F/65°C			
1J-271- ___ 100' Bag										
1B-271- ___ 500' Reel		5	3	1	10	310 PSI	180 PSI	.95	12.7	PI, C
1A-271- ___ 1000' Reel										
1J-272- ___ 100' Bag										
1B-272- ___ 500' Reel		6	4	1	01 10	240 PSI	140 PSI	1.10	19.0	PI, C
1A-272- ___ 1000' Reel										
1J-273- ___ 100' Bag										
1A-273- ___ 500' Reel		8	6	1	01 10	160 PSI	100 PSI	1.70	23.8	PI, C
1J-274- ___ 100' Bag										
1A-274- ___ 500' Reel		10	8	1	01 10	120 PSI	70 PSI	2.20	28.6	PI, C
1J-275- ___ 100' Bag										
1AA-275- ___ 500' Reel		12	10	1	01 10	90 PSI	50 PSI	2.80	38.0	PI, C

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