

Nylon 11 – High Pressure & D.O.T.

Specifications – HP

Temperature Range: -60°F to +200°F
Vacuum Rating: To 28" Hg.
Diameter Tolerances: ±.003"
 1/2" O.D. ±.005"
Hardness: 108 Rockwell R
Tube Markings: FW Specifications
Working Pressure: 4:1 Safety Factor
UV Stabilized: Yes
Base Resin Compliance: Meets UL94HB Testing Requirements
Recommended Fittings: Push-In, Compression

Freelin-Wade's High Pressure Nylon 11 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 11 material with much higher burst ratings.

Nylon 11 - High Pressure

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

Variations Available:

Coiling • Colors • Cutting • Printing • Packaging • Sizes

Also known as Fre-Lon HP™

Nylon 11
16

D.O.T. tubing is made with Freelin-Wade's Nylon 11. 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. D.O.T. tubing is available on easy-to-dispense reels. A variety of colors are available. It is heat and light stabilized.

D.O.T Tubing

Part Number & Color Code	Packaging Unit Size	O.D.	Wall	Standard Colors	Burst Pressure @75°F/25°C	lbs./100'	Bend Radius
1A-220-___	2000' Reel	1/8"	.023 ±.003	01 05 07 08 09	1000 PSI	.34	3/8"
1A-221-___	2000' Reel	5/32"	.032 ±.003	01 05 06 07 08 09	1200 PSI	.57	1/2"
1A-222-___	2000' Reel	3/16"	.035 ±.003	01 05 06 07 08 09	1200 PSI	.77	3/4"
1A-223-___	1000' Reel	1/4"	.040 ±.003	01 05 06 07 08 09	1200 PSI	1.21	1"
1A-225-___	500' Reel	5/16"	.040 ±.004	01 05 06 07 08 09	1000 PSI	1.57	1-1/4"

Variations Available:

Coiling • Colors • Cutting • Bonding • Printing • Packaging • Sizes

Specifications – D.O.T.

Temperature Range: -40°F to +200°F
Vacuum Rating: To 28" Hg.
Hardness: 78 Rockwell R
Tube Markings: D.O.T. Specs
Working Pressure: 4:1 Safety Factor
UV Stabilized: Yes
Base Resin Compliance: Meets UL94HB Testing Requirements
Recommended Fittings: Push-In, Compression