

# FRE-THANE® 95A

**FRE-THANE® 95A** durometer Polyurethane tubing is slightly harder than the 90A durometer tubing compound. With an increased wall rigidity, 95A tubing is compatible with most brands of push-to-connect pneumatic fittings. 95A tubing is tough and offers significantly higher working pressures, but is less flexible than lower durometer Polyurethane tubing.

**Temperature Range:** -40°F to +165°F★  
**Vacuum Rating:** To 28" Hg.  
**Diameter Tolerances:** 1/8" - 9/16" ±.005"  
 3/4" ±.007"  
**Tube Markings:** None  
**Working Pressure:** 3 to 1 Safety Factor

★ For pressure/temperature data, see page 42.

O.D.	I.D.	Wall	Package Unit Size	Part Number & Color Code	Standard Tubing Colors Available	Working Pressure @75°F ★ @150°F		LBS. / 100'	Bend Radius	Fitting Type
1/8	.066	.030	50' Bag 250' Box 500' Reel 1000' Reel 2500' Reel	<b>1J-157-</b> ____ <b>1L-157-</b> ____ <b>1C-157-</b> ____ <b>1B-157-</b> ____ <b>1A-157-</b> ____	01-Black, 04-Gray, 05-Red, 06-Green, 07-Blue, 08-Yellow, 09-Orange, 10-Clear, 11-White, 12-Purple, 14-Lt. Gray, 25-Trans. Red, 26-Trans. Green, 27-Trans. Blue, 28-Trans. Yellow	233 PSI	116 PSI	0.5	1/4	Barb & Push-in
5/32	3/32	.031	100' Bag 500' Reel 1000' Reel 2500' Reel	<b>1J-156-</b> ____ <b>1C-156-</b> ____ <b>1B-156-</b> ____ <b>1A-156-</b> ____	01-Black, 02-Brown, 04-Gray, 05-Red, 06-Green, 07-Blue, 08-Yellow, 09-Orange, 10-Clear, 11-White, 12-Purple, 25-Trans. Red, 26-Trans. Green, 27-Trans. Blue, 28-Trans. Yellow	176 PSI	88 PSI	0.7	3/8	Barb & Push-in
3/16	.107	.040	100' Bag 1000' Reel	<b>1J-107-</b> ____ <b>1B-107-</b> ____	01-Black, 05-Red, 07-Blue, 10-Clear	150 PSI	75 PSI	1.01	3/8	Push-in
1/4	1/8	.062	100' Bag 500' Reel 1000' Reel	<b>1J-169-</b> ____ <b>1B-169-</b> ____ <b>1A-169-</b> ____	01-Black, 04-Gray, 05-Red, 06-Green, 07-Blue, 08-Yellow, 09-Orange, 10-Clear, 11-White, 26-TR. Green, 27-TR. Blue, 29-Trans. Orange	194 PSI	97 PSI	2.0	3/8	Barb & Push-in
1/4	.160	.045	100' Bag 500' Reel 1000' Reel	<b>1J-151-</b> ____ <b>1B-151-</b> ____ <b>1A-151-</b> ____	01-Black, 02-Brown, 04-Gray, 05-Red, 06-Green, 07-Blue, 08-Yellow, 09-Orange, 10-Clear, 11-White, 12-Purple, 25-Trans. Red, 26-Trans. Green, 27-Trans. Blue, 28-Trans. Yellow, 46-Neon Green	148 PSI	74 PSI	1.5	1/2	Barb, Push-in, Compression & Flexcoil Fitting
3/8	.245	.065	100' Bag 500' Reel	<b>1J-152-</b> ____ <b>1A-152-</b> ____	01-Black, 04-Gray, 05-Red, 06-Green, 07-Blue, 08-Yellow, 10-Clear, 11-White, 27-Trans. Blue, 28-Trans. Yellow, 45-Neon Pink, 46-Neon Green	147 PSI	74 PSI	3.4	7/8	Barb, Push-in, Compression & Flexcoil Fitting
15/32	5/16	.079	50' Bag 250' Reel	<b>1J-161-</b> ____ <b>1A-161-</b> ____	01-Black, 05-Red, 07-Blue, 08-Yellow, 10-Clear, 11-White, 27-Trans. Blue, 46-Neon Green	133 PSI	67 PSI	3.9	1-1/8	Barb & Flexcoil Fitting
1/2	.320	.090	50' Bag 250' Reel	<b>1J-166-</b> ____ <b>1A-166-</b> ____	01-Black, 05-Red, 07-Blue, 08-Yellow, 10-Clear, 27-Trans. Blue	140 PSI	70 PSI	5.1	1-1/8	Barb & Push-in
9/16	3/8	.094	50' Bag 200' Reel	<b>1J-163-</b> ____ <b>1A-163-</b> ____	01-Black, 05-Red, 06-Green, 07-Blue, 08-Yellow, 10-Clear, 27-Trans. Blue, 28-Trans. Yellow, 46-Neon Green	133 PSI	67 PSI	7.5	1-3/8	Barb & Flexcoil Fitting
3/4	.467	.142	150' Reel Cut Length	<b>1A-176-</b> ____ <b>1E-176-</b> ____	05-Red, 07-Blue, 08-Yellow, 10-Clear, 27-Trans. Blue	145 PSI	73 PSI	14.9	1-1/2	Barb & Flexcoil Fitting

Other Sizes, colors, printing & packaging options (Including  Dispenser Boxes) may be available, please call Freelin-Wade.

MFG : Eastern Industrial Automation  
 MFG P/N : see detail  
 NAI P/N : see detail  
 Rev :N0  
 ENG : Peter Wang

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Item	NAI#	AMAT#	Des	Uom	Tube Mfg#	Tube Mfg	Print Mfg#	Print Mfg	Print Content
1	N030507	3860-01160	TBG PLSTC 1/8OD 1/16ID 95 D	FT	1C-157-27	FREELIN WADE	N030507	Eastern Industrial Automation PN	EV-00 MAIN WATER SUPPLY
2	N030508	3860-01160	TBG PLSTC 1/8OD 1/16ID 95 D	FT	1C-157-27	FREELIN WADE	N030508	Eastern Industrial Automation PN	EV-01 WATER BLOWOUT
3	N030509	3860-01160	TBG PLSTC 1/8OD 1/16ID 95 D	FT	1C-157-27	FREELIN WADE	N030509	Eastern Industrial Automation PN	EV-02 ADAPTER/CHBR
4	N030510	3860-01160	TBG PLSTC 1/8OD 1/16ID 95 D	FT	1C-157-27	FREELIN WADE	N030510	Eastern Industrial Automation PN	EV-03 APEX
5	N030511	3860-01160	TBG PLSTC 1/8OD 1/16ID 95 D	FT	1C-157-27	FREELIN WADE	N030511	Eastern Industrial Automation PN	EV-04 HEATER ORING
6	N030512	3860-01160	TBG PLSTC 1/8OD 1/16ID 95 D	FT	1C-157-27	FREELIN WADE	N030512	Eastern Industrial Automation PN	EV-05 SPARE
7	N030513	3860-01160	TBG PLSTC 1/8OD 1/16ID 95 D	FT	1C-157-27	FREELIN WADE	N030513	Eastern Industrial Automation PN	EV-06 CRYO GATE OPEN
8	N030514	3860-01160	TBG PLSTC 1/8OD 1/16ID 95 D	FT	1C-157-27	FREELIN WADE	N030514	Eastern Industrial Automation PN	EV-07 CRYO GATE CLOSED
9	N030515	3860-01160	TBG PLSTC 1/8OD 1/16ID 95 D	FT	1C-157-27	FREELIN WADE	N030515	Eastern Industrial Automation PN	EV-13 HEATER GAS
10	N030516	3860-01160	TBG PLSTC 1/8OD 1/16ID 95 D	FT	1C-157-27	FREELIN WADE	N030516	Eastern Industrial Automation PN	EV-14 UPSTREAM GAS 1
11	N030517	3860-01160	TBG PLSTC 1/8OD 1/16ID 95 D	FT	1C-157-27	FREELIN WADE	N030517	Eastern Industrial Automation PN	EV-16 UPSTREAM GAS 2
12	N030518	3860-01160	TBG PLSTC 1/8OD 1/16ID 95 D	FT	1C-157-27	FREELIN WADE	N030518	Eastern Industrial Automation PN	EV-18 UPSTREAM GAS 3
13	N030519	3860-01160	TBG PLSTC 1/8OD 1/16ID 95 D	FT	1C-157-27	FREELIN WADE	N030519	Eastern Industrial Automation PN	EV-20 UPSTREAM GAS 4
14	N030520	3860-01160	TBG PLSTC 1/8OD 1/16ID 95 D	FT	1C-157-27	FREELIN WADE	N030520	Eastern Industrial Automation PN	EV-23 CHAMBER ROUGH
15	N030521	3860-01160	TBG PLSTC 1/8OD 1/16ID 95 D	FT	1C-157-27	FREELIN WADE	N030521	Eastern Industrial Automation PN	EV-24 RGA VALUE
16	N030522	3860-01160	TBG PLSTC 1/8OD 1/16ID 95 D	FT	1C-157-27	FREELIN WADE	N030522	Eastern Industrial Automation PN	EV-25 CRYO GATE MID
17	N030523	3860-01160	TBG PLSTC 1/8OD 1/16ID 95 D	FT	1C-157-27	FREELIN WADE	N030523	Eastern Industrial Automation PN	EV-26 ISO VALVE
18	N030524	3860-01160	TBG PLSTC 1/8OD 1/16ID 95 D	FT	1C-157-27	FREELIN WADE	N030524	Eastern Industrial Automation PN	EV-30 SOURCE

Notes:

1. All tubing shall be printed with bold fonts at 6.00 inch intervals along the length
2. Please use our NAI PN as MFG PN