

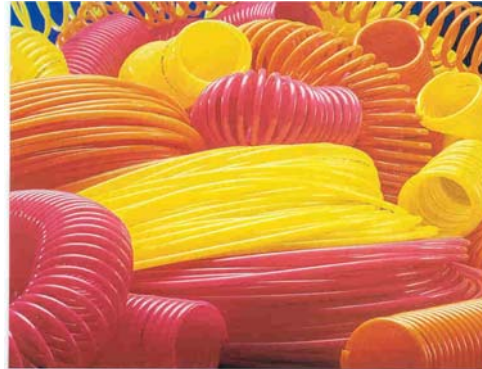


700 Mile Crossing Blvd. Suite 4  
 Rochester, NY 14624  
 Tel. 716-247-0311  
 Fax 800-736-8784

## MAZZER NYLON TUBING 11/12

### THE MOST UNIVERSAL OF ALL THERMOPLASTIC TUBING

This formulation for flexible premium tubing is the standard for both general, industrial and automotive applications. Its broad temperature range (-60 F., to +200 F. continuous) combined with light weight, long fatigue resistance, dimensional stability, excellent abrasion resistance, low moisture absorption and flexibility, make it the most universal of all thermoplastic tubing



- APPLICATIONS :**
- Fresh & Salt Water
  - Pneumatics
  - Hydraulic
  - Vacuum
  - Petrochemicals
  - General Chemicals
  - Gasses
  - Machine Tools
  - Oils
  - Coolant
  - Fuel
  - Lubricants

**HARDNESS : 72 SHORE D (ASTM D 785)**

#### MAZZER TUBING CHEMICAL COMPATIBILITY CHART

The information given in this chart should be used as a guide only. Our laboratory testing does not take into consideration possible variations of conditions during effective service.

Acetate Solvents	Excellent	Diesel Fuel	Excellent	Moisture	Limited
Acetic Acid (10%)	Limited	Ethanol	Limited	Naphtha	Excellent
Acetone	Excellent	Ether	Excellent	Natural Gas	Excellent
Acetylene	Excellent	Ethyl Alcohol	Excellent	Nickel Chloride	Excellent
Alum	Excellent	Ethyl Acetate	Limited	Nitric Acid	Unsuitable
Aluminum Chloride	Excellent	Ethyl Chloride	Excellent	Nitrogen	Excellent
Ammonia Gas	Excellent	Formaldehyde	Excellent	Oleic Acid	Excellent
Ammonia Liquid	Limited	Formic Acid	Limited	Oxygen (cold)	Excellent
Ammonium Chloride	Excellent	Freon 12-22-502	Excellent	Ozone (cold)	Excellent
Ammonium Nitrate	Excellent	Gas Oil	Excellent	Paints	Excellent
Amyl acetate	Limited	Gasoline	Excellent	Petroleum (Raw)	Excellent
Barium Chloride	Excellent	Glucose	Excellent	Phenol	Unsuitable
Benzene Chloride	Unsuitable	Glycerin	Excellent	Potassium Chloride	Excellent
Benzine (Benzol)	Limited	Glycol	Excellent	Potassium Cyanide	Excellent
Borax	Excellent	Hydraulic Oil	Excellent	Propane	Excellent
Boric Acid	Limited	Hydrogen	Excellent	Sodium Bisulphate	Excellent
Butane	Excellent	Hydrogen	Excellent	Sodium Chloride	Excellent
Butilic Alcohol	Excellent	Iron Cholrine	Excellent	Sodium Nitrate	Excellent
Butyl Acetate	Excellent	Kerosene	Excellent	Sulphides	Excellent
Calcium Hydroxide	Excellent	Lactid Acid	Excellent	Sulphuric Chloride	Unsuitable
Carbonic Acid	Excellent	LPG (Liquid Gas)	Excellent	Sulphuric Hydrogen	Excellent
Carbonic Dioxide	Excellent	Lubricating Oils	Excellent	Toluene (Toluol)	Excellent
Carbonic Oxide	Excellent	Magnesium Chloride	Excellent	Trichlorethylene	Limited
Chloro Gas	Unsuitable	Mercuric Cholride	Excellent	Xilene	Excellent
Chromic Acid	Unsuitable	Mercury	Excellent	Zinc Chloride	Excellent
Citric acid	Excellent	Methylic	Limited		
Cyanide	Excellent	Mineral Oil	Excellent		

## NYLON 11/12 straight tubing SIZE CHART

### INCHES

	O.D.	I.D.	WALL	MIN. BEND	O.D.	I.D.	MIN.BURST ***	MAZZER	
REF.	NOM.	NOM.	THICKNESS	RADIUS ++	TOL.	TOL.	PRESSURE	COIL	
SIZE	IN.	IN.	NOM.IN.	IN.	IN.	IN.	PSI @ 75 F	LENGTH	
N11 2	1/8	.080	.023	.70	+ .002 - .0045	+/- .004	1 000	100, 500, 1 000 ft.*	
N11 2.5	5/32	.106	.025	.94	+ .002 - .0045	+/- .004	1 000	100, 500, 1 000 ft.*	
N11 3	3/16	.118	.035	1.1	+ .002 - .0055	+/- .004	1 000	100, 500, 1 000 ft.*	
N11 4	1/4	.180	.035	1.5	+ .002 - .0055	+/- .004	1 000	100, 500, 1 000 ft.+	
N11 417***	1/4	.170	.040	1.5	+ .002 - .0055	+/- .004	1 200	100, 500, 1 000 ft.+	
N11 462	1/4	.126	.062	1.5	+ .002 - .0055	+/- .004	2 000	100, 500, 1 000 ft.+	
N11 5	5/16	.233	.040	1.85	+ .002 - .0055	+/- .004	1 000	100, 500, 1 000 ft.+	
N11 6	3/8	.275	.050	2.25	+ .002 - .0055	+/- .004	1 000	100, 500, 1 000 ft.	
N11 8	1/2	.375	.062	3	+ .002 - .0055	+/- .004	1 000	100, 500 ft.	
N11 10	5/8	.500	.062	3.75	+/- .004	+/- .004	600	100 ft.	
N11 12	3/4	.560	.095	4.5	+/- .004	+/- .004	790	100 ft.	
N11 16	1	.750	.125	6	+/- .006	+/- .006	790	100 ft.	

\*\*\*DOT approved tubing

\* Reels available up to 5 000 ft.

+ Reels available up to 2 000 ft.

### METRIC

	O.D.	I.D.	WALL	MIN. BEND	O.D.	I.D.	MIN.BURST ***	MAZZER	
REF.	NOM.	NOM.	THICKNESS	RADIUS ++	TOL.	TOL.	PRESSURE	COIL	
SIZE	MM.	MM.	NON.MM.	MM.	MM.	MM.	bar/psi @ 75 F	LENGTH	
N11 0427	4	2.7	.65	24	+ .05 - .1	+/- .1	75/1 086	25, 150, 300 meters*	
N11 0402	4	2	1	24	+ .05 - .1	+/- .1	134/1 956	25, 150, 300 meters*	
N11 0533	5	3.3	.85	30	+ .05 - .1	+/- .1	70/1 015	25, 150, 300 meters*	
N11 0604	6	4	1	36	+ .05 - .1	+/- .1	85 /1 233	25, 150, 300 meters	
N11 0806	8	6	1	48	+ .05 - .1	+/- .1	58/841	25, 150, 300 meters+	
N11 0855	8	5.5	1.25	50	+ .05 - .1	+/- .1	74 /1 073	25, 150, 300 meters+	
N11 1008	10	8	1	60	+ .05 - .1	+/- .1	42 /609	25, 150, 300 meters+	
N11 1075	10	7.5	1.25	70	+ .05 - .1	+/- .1	57 /827	25, 150, 300 meters+	
N11 1210	12	10	1	75	+ .05 - .1	+/- .1	32/464	25, 150, 300 meters+	
N11 1209	12	9	1.5	84	+ .05 - .1	+/- .1	63/914	25, 150, 300 meters+	
N11 1412	14	12	1	98	+ .05 - .1	+/- .1	27 /392	25 meters	
N11 1512	15	12	1.5	105	+/- .1	+/- .1	48/696	25 meters	
N11 1613	16	13	1.5	112	+/- .1	+/- .1	44/638	25 meters	

\* Reels available up to 1 500 meters

+ Reels available in 500 meters

Conversions:

1" corresponds to 25.41 MM (millimeters)      1 bar corresponds to 14.5 psi

To convert Fahrenheit to Celsius subtract 32 from Fahrenheit, divide by 9 and multiply by 5

To convert Celsius to Fahrenheit divide Celsius by 5, multiply by 9 and add 32

++ Specified minimum bend radius is for minimal tube flattening.

\*\*\* The safety factor adopted set the minimum bursting pressure at four (4) times the working pressure. Please, always remember that the bursting and working pressure data listed are determined at 75 degrees+ B136 F (24 Celsius)

**Colors (insert appropriate letter when ordering):**

**N** Natural   **B** Black   **R** Red   **BU** Blue   **G** Green   **Y** Yellow   **OR** Orange   **GY** Gray



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## MAZZER POLYETHYLENE TUBING

### ECONOMIC LINEAR LOW DENSITY P.E. FOR LOWER TEMPERATURE AND PRESSURE

Mazzer quality brings this, the first practical thermoplastic resin for industrial tubing, to a new precise standard for today's applications. Broad chemical, solvent, and corrosive atmospherical resistance with good dimensional stability makes polyethylene suitable for many general applications. Temperature range (-100 F. + 175 F.) is combined with light weight and medium flexibility. Low price combined with the best resins and Mazzer dimensional accuracy makes this an outstanding value.

- Vermin and Fungus proof
- Low cost
- Dimensional stability
- Broad range of corrosion resistance and chemical compatibility

#### APPLICATIONS :

- Instrumentations
- Food processing
- Corrosive atmosphere environments
- General low pressure & temperature applications



**HARDNESS : 46 SHORE D (ASTM D 785)**

#### MAZZER TUBING CHEMICAL COMPATIBILITY CHART

The information given in this chart should be used as a guide only. Our laboratory testing does not take into consideration possible variations of conditions during effective service.

Acetate Solvents	Limited	Diesel Fuel	Excellent	Moisture	Excellent
Acetic Acid (10%)	Excellent	Ethanol	Limited	Naphtha	Excellent
Acetone	Limited	Ether	Unsuitable	Natural Gas	Excellent
Acetylene	Excellent	Ethyl Alcohol	Excellent	Nickel Chloride	Excellent
Alum	Excellent	Ethyl Acetate	Limited	Nitric Acid	Unsuitable
Aluminum Chloride	Excellent	Ethyl Chloride	Unsuitable	Nitrogen	Excellent
Ammonia Gas	Unsuitable	Formaldehyde	Excellent	Oleic Acid	Excellent
Ammonia Liquid	Unsuitable	Formic Acid	Limited	Oxygen	Limited
Ammonium Chloride	Excellent	Freon 12-22-502	Excellent	Ozone	Limited
Ammonium Nitrate	Excellent	Gas Oil	Excellent	Paints	Excellent
Amyl acetate	Limited	Gasoline	Excellent	Petroleum (Raw)	Excellent
Barium Chloride	Excellent	Glucose	Excellent	Phenol	Unsuitable
Benzene Chloride	Unsuitable	Glycerin	Excellent	Potassium Chloride	Excellent
Benzine (Benzol)	Limited	Glycol	Excellent	Potassium Cyanide	Excellent
Borax	Excellent	Hydraulic Oil	Excellent	Propane	Excellent
Boric Acid	Limited	Hydrogen	Excellent	Sodium Bisulphate	Excellent
Butane	Excellent	Hydrogen	Excellent	Sodium Chloride	Excellent
Butilic Alcohol	Limited	Iron Chlorine	Excellent	Sodium Nitrate	Excellent
Butyl Acetate	Excellent	Kerosene	Excellent	Sulphides	Excellent
Calcium Hydroxide	Excellent	Lactid Acid	Excellent	Sulphuric Chloride	Excellent
Carbonic Acid	Excellent	LPG (Liquid Gas)	Excellent	Sulphuric Hydrogen	Excellent
Carbonic Dioxide	Excellent	Lubricating Oils	Excellent	Toluene (Toluol)	Limited
Carbonic Oxide	Excellent	Magnesium Chloride	Excellent	Trichlorethylene	Unsuitable
Chloro Gas	Unsuitable	Mercuric Cholride	Excellent	Xilene	Excellent
Chromic Acid	Unsuitable	Mercury	Excellent	Zinc Chloride	Limited
Citric acid	Excellent	Methylic	Excellent		
Cyanide	Excellent	Mineral Oil	Excellent		

## POLYETHYLENE straight tubing SIZE CHART

### INCHES

	O.D.	I.D.	WALL	MIN. BEND	O.D.	I.D.	MIN.BURST ***	MAZZER	
REF.	NOM.	NOM.	THICKNESS	RADIUS ++	TOL.	TOL.	PRESSURE	COIL	
SIZE	IN.	IN.	NOMIN.	IN.	IN.	IN.	PSI @ 75 F	LENGTH	
PE 2	1/8	.080	.023	.39	+/- .004	+/- .004	500	100, 500, 1 000 ft.*	
PE 2.5	5/32	.106	.025	.47	+/- .004	+/- .004	500	100, 500, 1 000 ft.*	
PE 3	3/16	.118	.035	.59	+/- .004	+/- .004	500	100, 500, 1 000 ft.*	
PE 4	1/4	.170	.040	.98	+/- .004	+/- .004	500	100, 500, 1 000 ft.+	
PE 562	5/16	.188	.062	1.25	+/- .004	+/- .004	500	100, 500, 1 000 ft.+	
PE 662	3/8	.250	.062	1.5	+/- .004	+/- .004	500	100, 500, 1 000 ft.	
PE 8	1/2	.375	.062	2.5	+/- .004	+/- .004	400	100, 500 ft.	

\* Reels available up to 5 000 ft.

+ Reels available up to 2 000 ft.

Colors (insert appropriate letter when ordering):

N Natural   B Black   R Red   BU Blue   G Green   Y Yellow   OR Orange   GY Gray

### METRIC

	O.D.	I.D.	WALL	MIN. BEND	O.D.	I.D.	MIN.BURST ***	MAZZER	
REF.	NOM.	NOM.	THICKNESS	RADIUS ++	TOL.	TOL.	PRESSURE	COIL	
SIZE	MM.	MM.	NON.MM.	MM.	MM.	MM.	bar/psi @ 75 F	LENGTH	
PE 0425	4	2.5	0.75	12	+ .05 - .1	+/- .1	35/500	25, 150, 300 meters*	
PE 0604	6	4	1	36	+ .05 - .1	+/- .1	35/500	25, 150, 300 meters	
PE 0806	8	6	1	48	+ .05 - .1	+/- .1	24/350	25, 150, 300 meters+	
PE 1008	10	8	1	60	+ .05 - .1	+/- .1	17/250	25, 150, 300 meters+	
PE 1210	12	10	1	140	+ .05 - .1	+/- .1	14/200	25, 150, 300 meters+	

\* Reels available up to 1 500 meters

+ Reels available in 500 meters

Conversions:

1" correspond to 25.41 MM (millimeters)      1 bar correspond to 14.5 psi

To convert Fahrenheit to Celsius subtract 32 from Fahrenheit, divide by 9 and multiply by 5

To convert Celsius to Fahrenheit divide Celsius by 5, multiply by 9 and add 32

++ Specified minimum bend radius is for minimal tube flattening.

\*\*\* The safety factor adopted set the minimum bursting pressure at four (4) times the working pressure. Please, always remember

that the bursting and working pressure data listed are determined at 75 degree F (24 Celsius)

Colors (insert appropriate letter when ordering):

N Natural   B Black   BU Blue   Others colors on special order



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## MAZZER POLYURETHANE TUBING-95 DUROMETER

### THE RUBBER-LIKE TUBING WITH ALL THE ADVANTAGES OF PLASTICS

Mazzer polyurethane ETHER based tubing has the characteristics of an elastomer with good elongation and recovery along with many of the desirable properties of thermoplastics. The temperature range is - 40 F. + 180 F. and is the most flexible of all plastic tubing. Polyurethane has good chemical and abrasion resistance yet tough and flexible.

- Most flexible
- Kink resistant
- Excellent abrasion resistance
- Broad range of chemical resistance
- Toughest
- Excellent oxidation and ozone resistance

#### APPLICATIONS :

- Instrumentation
- Machine tools
- Food processing equipment
- General manufacturing applications
- General medical applications
- General laboratory use
- Automotive

**HARDNESS : 95 SHORE A (ASTM D 785)**



#### MAZZER TUBING CHEMICAL COMPATIBILITY CHART

The information given in this chart should be used as a guide only. Our laboratory testing does not take into consideration possible variations of conditions during effective service.

Acetate Solvents	Limited	Diesel Fuel	Excellent	Moisture	-
Acetic Acid (10%)	Limited	Ethanol	Limited	Naphtha	Excellent
Acetone	Unsuitable	Ether	Limited	Natural Gas	Excellent
Acetylene	Excellent	Ethyl Alcohol	Limited	Nickel Chloride	Excellent
Alum	Excellent	Ethyl Acetate	Limited	Nitric Acid	Unsuitable
Aluminum Chloride	Excellent	Ethyl Chloride	Excellent	Nitrogen	Excellent
Ammonia Gas	Excellent	Formaldehyde	Excellent	Oleic Acid	Limited
Ammonia Liquid	Limited	Formic Acid	Unsuitable	Oxygen	Excellent
Ammonium Chloride	Excellent	Freon 12-22-502	Excellent	Ozone (cold)	Excellent
Ammonium Nitrate	Limited	Gas Oil	Limited	Paints	Limited
Amyl acetate	Limited	Gasoline	Excellent	Petroleum (Raw)	Excellent
Barium Chloride	Excellent	Glucose	Excellent	Phenol	Unsuitable
Benzene Chloride	Unsuitable	Glycerine	Excellent	Potassium Chloride	Unsuitable
Benzine (Benzol)	Unsuitable	Glycol	Excellent	Potassium Cyanide	Excellent
Borax	Unsuitable	Hydraulic Oil	Excellent	Propane	Excellent
Boric Acid	Limited	Hydrogen	Excellent	Sodium Bisulphate	Excellent
Butane	Excellent	Hydrogen	Excellent	Sodium Chloride	Excellent
Butilic Alcohol	Limited	Iron Cholrine	Excellent	Sodium Nitrate	Excellent
Butyl Acetate	Unsuitable	Kerosene	Excellent	Sulphides	Limited
Calcium Hydroxide	Unsuitable	Lactid Acid	Unsuitable	Sulphuric Chloride	Limited
Carbonic Acid	-	LPG (Liquid Gas)	Excellent	Sulphuric Hydrogen	Limited
Carbonic Dioxide	Excellent	Lubricating Oils	Excellent	Toluene (Toluol)	Unsuitable
Carbonic Oxide	Unsuitable	Magnesium Chloride	Excellent	Trichlorethylene	Unsuitable
Chloro Gas	Unsuitable	Mercuric Cholride	Excellent	Xilene	Unsuitable
Chromic Acid	Unsuitable	Mercury	Excellent	Zinc Chloride	Limited
Citric acid	Excellent	Methylic	Limited		
Cyanide	Unsuitable	Mineral Oil	Excellent		

## POLYURETHANE straight tubing SIZE CHART

### INCHES

	O.D.	I.D.	WALL	MIN. BEND	O.D.+++	I.D.	MIN.BURST ***	MAZZER	
REF.	NOM.	NOM.	THICKNESS	RADIUS ++	TOL.	TOL.	PRESSURE	COIL	
SIZE	IN.	IN.	NOM.IN.	IN.	IN.	IN.	PSI @ 75 F	LENGTH	
PU 2	1/8	1/16	.032	.35	+/- .008	+/- .005	400	100, 500, 1 000 ft.*	
PU 2.5	5/32	3/32	.032	.47	+/- .008	+/- .005	400	100, 500, 1 000 ft.*	
PU 3	3/16	1/8	.032	.55	+/- .008	+/- .005	400	100, 500, 1 000 ft.*	
PU 4	1/4	1/8	.062	.75	+/- .008	+/- .005	400	100, 500, 1 000 ft.+	
PU 445	1/4	.159	.045	.75	+/- .008	+/- .005	250	100, 500, 1 000 ft.+	
PU 5	5/16	1/4	.031	1.38	+/- .010	+/- .010	100	100, 500, 1 000 ft.+	
PU 562	5/16	3/16	.062	.95	+/- .010	+/- .010	330	100, 500, 1 000 ft.+	
PU 6	3/8	1/4	.062	1.5	+/- .010	+/- .010	330	100, 500, 1 000 ft.	
PU 8	1/2	3/8	.062	1.97	+/- .010	+/- .010	330	100, 500 ft.	

\* Reels available up to 5 000 ft.

+ Reels available up to 2 000 ft.

**Colors** (insert appropriate letter when ordering):

**N** Natural   **B** Black   **R** Red   **BU** Blue   **G** Green   **Y** Yellow   **OR** Orange   **HLBL** High Light Blue

### METRIC

	O.D.	I.D.	WALL	MIN. BEND	O.D.+++	I.D.	MIN.BURST ***	MAZZER	
REF.	NOM.	NOM.	THICKNESS	RADIUS ++	TOL.	TOL.	PRESSURE	COIL	
SIZE	MM.	MM.	NON.MM.	MM.	MM.	MM.	bar/psi @ 75 F	LENGTH	
PU 0425	4	2.5	0.75	12	+/- .2	+/- .2	28/400	25, 150, 300 meters*	
PU 0503	5	3	1	15	+/- .2	+/- .2	28/400	25, 150, 300 meters*	
PU 0604	6	4	1	18	+/- .2	+/- .2	28/400	25, 150, 300 meters	
PU 0806	8	6	1	24	+/- .3	+/- .3	23/330	25, 150, 300 meters	
PU 1007	10	7	1.5	40	+/- .3	+/- .3	23/330	25, 150, 300 meters	
PU 1208	12	8	2	48	+/- .3	+/- .3	23/330	25, 150, 300 meters	

\* Reels available up to 1 500 meters

Conversions:

1" correspond to 25.41 MM (millimeters)      1 bar correspond to 14.5 psi

To convert Fahrenheit to Celsius subtract 32 from Fahrenheit, divide by 9 and multiply by 5

To convert Celsius to Fahrenheit divide Celsius by 5, multiply by 9 and add 32

**+++** Due the high polyurethane flexibility the tubing section may become oval close to the spool's core. The ovality tolerances are as follows:

Tubing OD from 4 mm ( or 1/8 inches) to 6 mm (or 1/4 inches) the tubing can be ovalized up to 0.4 mm (0.016 inches)

Tubing OD that the bursting and working pressure data listed are determined at 75 degree F (24 Celsius)

**Colors** (insert appropriate letter when ordering):

**N** Natural   **B** Black   **BU** Blue   Others on special order



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## MAZZER NYLON 12 EXTRA FLEXIBLE-LONG LIFE TUBING

### THE EXTRA FLEXIBLE NYLON TUBING THAT REMAINS EXTRA-FLEXIBLE

The market has a growing demand for a tubing that has the Nylon and chemical resistance combined with the flexibility of Polyurethane. At a price between the two, **Mazzer Extra Flexible Nylon** tubing is responding to this market demand. The EFPA is a Nylon tubing with the plasticizers bonded at molecular level to the Nylon's molecules. This advance formulation allows for a greater flexibility combined with a high working pressure, that is lower than the regular Nylon but higher than the PU. More important, the molecular bond prevents the plasticizer migration to the surface of the tubing that is a common characteristic of the standard plasticized Nylon tubing.

- Most flexible
- Kink resistant
- Long fatigue life
- Corrosion resistance and chemical compatibility
- Less expensive than the Polyurethane tubing
- Higher pressure resistance than the Polyurethane tubing

#### APPLICATIONS :

- Instrumentation
- Machine tools
- General manufacturing applications
- Fuel
- Machine tool
- Automotive
- Automation
- Vacuum

**BROAD TEMPERATURE RANGE : -40 + 190 F**  
**HARDNESS : 50 SHORE D (ASTM D 785)**



#### MAZZER TUBING CHEMICAL COMPATIBILITY CHART

The information given in this chart should be used as a guide only. Our laboratory testing does not take into consideration possible variations of conditions during effective service.

Acetate Solvents	Excellent	Diesel Fuel	Excellent	Moisture	Limited
Acetic Acid (10%)	Limited	Ethanol	Limited	Naphtha	Excellent
Acetone	Excellent	Ether	Excellent	Natural Gas	Excellent
Acetylene	Excellent	Ethyl Alcohol	Excellent	Nickel Chloride	Excellent
Alum	Excellent	Ethyl Acetate	Limited	Nitric Acid	Unsuitable
Aluminum Chloride	Excellent	Ethyl Chloride	Excellent	Nitrogen	Excellent
Ammonia Gas	Excellent	Formaldehyde	Excellent	Oleic Acid	Excellent
Ammonia Liquid	Limited	Formic Acid	Limited	Oxygen	Excellent
Ammonium Chloride	Excellent	Freon 12-22-502	Excellent	Ozone (cold)	Excellent
Ammonium Nitrate	Excellent	Gas Oil	Excellent	Paints	Excellent
Amyl acetate	Limited	Gasoline	Excellent	Petroleum (Raw)	Excellent
Barium Chloride	Excellent	Glucose	Excellent	Phenol	Unsuitable
Benzene Chloride	Unsuitable	Glycerin	Excellent	Potassium Chloride	Excellent
Benzine (Benzol)	Limited	Glycol	Excellent	Potassium Cyanide	Excellent
Borax	Excellent	Hydraulic Oil	Excellent	Propane	Excellent
Boric Acid	Limited	Hydrogen	Excellent	Sodium Bisulphate	Excellent
Butane	Excellent	Hydrogen	Excellent	Sodium Chloride	Excellent
Butilic Alcohol	Excellent	Iron Cholrine	Excellent	Sodium Nitrate	Excellent
Butyl Acetate	Excellent	Kerosene	Excellent	Sulphides	Excellent
Calcium Hydroxide	Excellent	Lactid Acid	Excellent	Sulphuric Chloride	Unsuitable
Carbonic Acid	Excellent	LPG (Liquid Gas)	Excellent	Sulphuric Hydrogen	Excellent
Carbonic Dioxide	Excellent	Lubricating Oils	Excellent	Toluene (Toluol)	Excellent
Carbonic Oxide	Excellent	Magnesium Chloride	Excellent	Trichlorethylene	Limited
Chloro Gas	Unsuitable	Mercuric Cholride	Excellent	Xilene	Excellent
Chromic Acid	Unsuitable	Mercury	Excellent	Zinc Chloride	Excellent
Citric acid	Excellent	Methylic	Limited		
Cyanide	Excellent	Mineral Oil	Excellent		

## NYLON 12 EXTRA FLEXIBLE straight tubing SIZE CHART

### INCHES

	O.D.	I.D.	WALL	MIN. BEND	O.D.	I.D.	MIN. BURST ***	MAZZER	
REF.	NOM.	NOM.	THICKNESS	RADIUS ++	TOL.	TOL.	PRESSURE	COIL	
SIZE	IN.	IN.	NOM. IN.	IN.	IN.	IN.	PSI @ 75 F	LENGTH	
EFPA 2	1/8	.080	.023	.47	+.002-.0045	+/- .004	700	100, 500, 1 000 ft.*	
EFPA 2.5	5/32	.106	.025	.63	+.002-.0045	+/- .004	650	100, 500, 1 000 ft.*	
EFPA 3	3/16	.118	.035	.71	+.002-.0055	+/- .004	790	100, 500, 1 000 ft.*	
EFPA 4	1/4	.180	.035	.87	+.002-.0055	+/- .004	550	100, 500, 1 000 ft.+	
EFPA 5	5/16	.233	.040	1.42	+.002-.0055	+/- .004	500	100, 500, 1 000 ft.+	
EFPA 6	3/8	.275	.050	2.16	+.002-.0055	+/- .004	500	100, 500, 1 000 ft.	
EFPA 8	1/2	.375	.062	2.36	+.002-.0055	+/- .004	490	100, 500 ft.	
* Reels available up to 5 000 ft.			+ Reels up to 2 000 ft.		++ Specified min. bend radius is for minimal tube flattening.				
*** The safety factor adopted set the minimum bursting pressure at four (4) times the working pressure. Please, always remember that the bursting and working pressure data listed are determined at 75 degree F (24 Celsius)									
<b>Colors (insert appropriate letter when ordering):</b>			<b>N</b> Natural	<b>B</b> Black	<b>BU</b> Blue	Others on special order			