



MAZZER NYLON RECOIL TUBING

PNEUMATIC TOOL HOSE

Manufactured to Mazzer's exacting standards of quality nylon, this preformed tubing is used with pneumatic tools. It comes with a variety of fittings. This tubing has all the advantages of regular straight Nylon tubing with the added advantage of being self-storing and retractable. These characteristics make an excellent choice for tool drop lines, general shop use, and many applications in the machine tool, laboratory, electronic, and instrumentation industries. When manufactured with fittings that insert into the I.D., these coils are often referred to as "recoil hose".

- Nylon for toughness
- Dimensional accuracy
- Self-storing
- Chemical resistance



HARDNESS : 72 SHORE D (ASTM D 785)

I.D. RECOIL HOSE

SIZES' CHART

PART #	I.D.	O.D.	WALL	COIL	NUMBER	MIN.BURST ***	TUBING	USABLE
	NOM.	NOM.	THICKNESS	O.D.	OF	PRESSURE	LENGTH	EXTENDED
	IN.	IN.	NOM.IN.	NOM. IN.	COILS	PSI @ 75 F	(FT)	COIL LENGTH
N1120-2A	1/8	.171	.023	2.62	-	1300	100	75 % OF THE TUBING LENGTH IN COIL FOR MAXIMUM LIFE
N1120-2.5A	5/32	.206	.025	2.82	-	1115	100	
N1120-3A	3/16	.237	.025	3.15	146	1000	100	
N1120-4A	1/4	.320	.035	3.40	120	955	100	
N1120-5A	5/16	.393	.040	4.50	-	835	100	
N1120-6A	3/8	.475	.050	5.60	76	895	100	
N1120-8A	1/2	.625	.063	6.77	60	820	100	

Colors (insert appropriate letter when ordering):

B Black **R** Red **Y** Yellow **OR** Orange

O.D. RECOIL TUBING

SIZES' CHART

PART #	O.D.	I.D.	WALL	COIL	NUMBER	MIN.BURST ***	TUBING	USABLE
	NOM.	NOM.	THICKNESS	O.D.	OF	PRESSURE	LENGTH	EXTENDED
	IN.	IN.	NOM.IN.	NOM. IN.	COILS	PSI @ 75 F	(FT)	COIL LENGTH
N1122-2A	1/8	.080	.023	1.85	225	1300	100	75 % OF THE TUBING LENGTH IN COIL FOR MAXIMUM LIFE
N1122-2.5A	5/32	.106	.025	1.89	200	1115	100	
N1122-3A	3/16	.118	.035	2.50	150	1000	100	
N1122-4A	1/4	.180	.035	2.87	146	955	100	
N1122-5A	5/16	.233	.040	3.38	125	835	100	
N1122-6A	3/8	.275	.050	4.3	98	895	100	
N1122-8A	1/2	.375	.063	5.7	73	820	100	

*** The safety factor adopted set the minimum bursting pressure at four (4) times the working pressure.

* Packaged without fittings in 100 ft. Shrink wrap only

Colors (insert appropriate letter when ordering):

N Natural **R** Red **BU** blue

NYLON RECOIL HOSE ASSEMBLIES

SIZES' CHART

Assemblies come complete with high-quality reusable 2-piece Nickel plated swivel fittings with a spring guard. They have excellent chemical resistance and superior memory. **The working pressure is 200 PSI**

Note: Also available black plastic swivel fittings with spring guard.

PART NUMBER	I.D.	HOSE	MALE	COMPACT	COIL	N.	COLORS			
	NOM.	LENGTH	SWIVEL	LENGTH	O.D.	OF	B black	Y yellow		
	IN.	FT *	NPT	INCHES	NOM. IN.	COILS	OR orange	R red		
N1125-4-25	1/4	12	1/4	5.11	3.4	14	B	OR	Y	R
N1125-4-12	1/4	25	1/4	10.65	3.4	30	B	OR	Y	R
N1125-4-50	1/4	50	1/4	21.29	3.4	60	B	OR	Y	R
N1125-6-12	3/8	12	1/4	5.03	5.6	9	B	OR	Y	R
N1125-6-25	3/8	25	1/4	10.48	5.6	19	B	OR	Y	R
N1125-6-50	3/8	50	1/4	20.95	5.6	38	B	OR	Y	R
N1125A-6-12	3/8	12	3/8	5.03	5.6	9	B	OR	Y	R
N1125A-6-25	3/8	25	3/8	10.48	5.6	19	B	OR	Y	R
N1125A-6-50	3/8	50	3/8	20.95	5.6	38	B	OR	Y	R
N1125-8-12	1/2	12	1/2	4.98	6.77	6	B	OR	Y	R
N1125-8-25	1/2	25	1/2	10.38	6.77	13	B	OR	Y	R
N1125-8-50	1/2	50	1/2	20.76	6.77	27	B	OR	Y	R
* Working length can be up to 80 % of the hose length for vertical applications and 50 % for horizontal applications.										

MAZZER POLYURETHANE RECOIL HOSE ASSEMBLIES

ONE THIRD THE WEIGHT OF RUBBER, FIVE X'S THE LIFE OF RUBBER HOSE

Mazzer precision is applied to the newest recoil design of plastic tubing.

Polyurethane has a supple, almost gum rubber feel, yet is only 1/3 the weight and 5 times the life of rubber, making it the ideal recoil material. These assemblies have low resistance to extension forces so worker fatigue is substantially reduced.

Applications cover most pneumatic and other uses that have requirements from -40 F (-40 C) to 180 F (82 C) and nominal working pressure of 100 psi @ 75 F.

- Kink resistant
- Wear resistant
- Light weight & mobile
- Chemical compatibility
- Stretches full length
- Low worker fatigue
- Straight ends ***
- Less expensive than rubber

HARDNESS : 95 SHORE A (ASTM D 785)

The assemblies come with permanent crimped brass swivel fittings, but they are also available with reusable nickel plated swivel fittings with spring



SIZES' CHART

PART NUMBER	I.D.	O.D.	USABLE	COMPACT	MALE	N.	COIL		
	NOM.	NOM.	EXTENDED	LENGTH	SWIVEL	OF	O.D.		
	IN.	IN.	COIL LENGTH	INCHES	NPT	COILS	NOM. IN.		
PU23-6-10	1/4	3/8	10 ft	7	1/4	17	2.3		
PU23-6-20	1/4	3/8	20 ft	13	1/4	34	2.3		
PU23-6-30	1/4	3/8	30 ft	20	1/4	51	2.3		
PU23-9-10	3/8	9/16	10 ft	7	1/4	10	3.9		
PU23-9-20	3/8	9/16	20 ft	13	1/4	20	3.9		
PU23-9-30	3/8	9/16	30 ft	20	1/4	30	3.9		
PU23A-9-10	3/8	9/16	10 ft	7	3/8	10	3.9		
PU23A-9-20	3/8	9/16	20 ft	13	3/8	20	3.9		
PU23A-9-30	3/8	9/16	30 ft	20	3/8	30	3.9		

*** Each recoil comes with 4.5 inches and 19 inches straight ends.



MAZZER NYLO-THANE RECOIL HOSE

THE STRENGTH OF NYLON AND THE FLEXIBILITY OF POLYURETHANE

Mazzer, one of the most technically advanced extrusion companies in the world, has developed leading-edge technology to manufacture multi-layer tubing. This method of extrusion enables Mazzer to combine materials into products, taking advantage of the mechanical and chemical properties of each. **NYLO-THANE is a special co-extruded hose that features a unique multi-layer construction of a Polyurethane layer bonded to an inner layer of Nylon.**

The resulting product is designed to offer the benefits of both material in one hose

- Cost effective
- Excellent memory
- 200 psi working pressure
- Abrasion resistant
- Light weight
- Chemical resistance

TEMPERATURE RANGE: -40 F to 175 F



NYLO-THANE 100 FT BULK LENGTHS

SIZES' CHART

PART NUMBER	I.D. NOM.	O.D. NOM.	WALL THICKNESS	COIL O.D.	NUMBER OF COILS	MIN.BURST *** PRESSURE	TUBING LENGTH (FT)	USABLE EXTENDED COIL LENGTH
	IN.	IN.	NOM.IN.	NOM. IN.		PSI @ 75 F		
UN20-4ABU	1/4	.330	.040	3.40	120	800	100	75% OF THE TUBING LENGTH
UN20-6ABU	3/8	.455	.040	5.60	76	800	100	

Color: Light blue (other colors available on special order)

NYLO-THANE HOSE ASSEMBLIES

SIZES' CHART

Assemblies come complete with high-quality reusable 2-piece Nickel plated swivel fittings with spring guard, that have an excellent chemical resistance and superior memory. **The working pressure is 200 PSI**

Note: Also available black plastic swivel fittings with spring guard.

PART NUMBER	I.D. NOM.	HOSE LENGTH FT *	MALE SWIVEL NPT	COMPACT LENGTH INCHES	COIL O.D. NOM. IN.	N. OF COILS				
UN25-4BU12	1/4	12	1/4	5.11	3.40	14				
UN25-4BU25	1/4	25	1/4	10.65	3.40	30				
UN25-4BU50	1/4	50	1/4	21.29	3.40	60				
UN25-6BU12	3/8	12	1/4	5.03	5.60	9				
UN25-6BU25	3/8	25	1/4	10.48	5.60	19				
UN25-6BU50	3/8	50	1/4	20.95	5.60	38				
UN25A-6BU12	3/8	12	3/8	5.03	6.77	9				
UN25A-6BU25	3/8	25	3/8	10.48	6.77	19				
UN25A-6BU50	3/8	50	3/8	20.95	6.77	38				

Color: Light blue (other colors available on special order)

Mazzer Products are available from: MARYLAND METRICS P.O. Box 261 Owings Mills, MD 21117 USA
e-mail: sales@mdmetric.com web: 6mm.com phones: (410)358-3130 (800)638-1830 faxes: (410)358-3142 (800)872-9329



MAZZER THERMOPLASTIC TUBING CUTTER

A SAFE, EFFICIENT, ACCURATE TOOL FOR CUTTING PLASTIC TUBING

This small, easy to use tool is spring loaded for one hand operation and cuts plastic or rubber tubing squarely and accurately. Its blade is removable for sharpening or replacement.

Colors: Orange, White, other colors available on special order.

Part # : 1000

Replacement Blades part number 1001. 10 pieces pack

