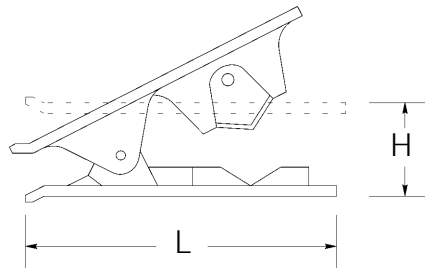


Tubing

QR300071 Tube Cutter



This tool will cut all plastic tubes (e.g. nylon, teflon, polyurethane, braided polyethylene, soft rubber, etc.) from 1/8" to 1/2" diameter inclusive. It is designed to give a clean cut at right angles to tube axis. A spring maintains the cutter in the closed position. Replacement blades are available.

MODEL NO.	HEIGHT	LENGTH
QR3000 71 00	.98	3.11

How to Order

QR T N 12 GN 1000

Tubing

Tube Diameter
T = Inch
M = Metric

Material
E = Low Density Polyethylene
U = Polyurethane
N = Nylon

Length (in Feet)
100
1,000

Color
NA = Natural
BK = Black
RD = Red
GN = Green
BU = Blue
YW = Yellow

Tube Size
Imperial
12 = 1/8"
16 = 5/32"
19 = 3/16"
25 = 1/4"
31 = 5/16"
38 = 3/8"
50 = 1/2"

Metric
04 = 04mm
06 = 06mm
08 = 08mm
10 = 10mm
12 = 12mm



Tubing

Polyurethane 95 Tubing

Application

Polyurethane tubing is ideal for compressed air and vacuum systems. This rigid wall tubing is compatible with push to connect pneumatic fittings.

Features

Has excellent abrasion resistance and shape retention while working in high humidity and low temperatures. Withstands salt water, ages well, has good vibration absorption, and excellent tear resistance.

Specifications

- Vacuum to 28" Hg
- Temperature Range: -40° to 165° F
- UV Stabilized
- Shore 95 A
- NSF61 Compliant
- Meets UL94HB
- Dimensional Tolerance
 - Imperial \pm .005 in.
 - Metric \pm .127 mm

Inch

MODEL NUMBER*	O.D. (in.)	I.D. (in.)	WALL (in.)	MIN. BEND RADIUS	WORKING PRESSURE (PSIG)				WEIGHT lbs/100'
					@ 75°F	@ 100°F	@ 125°F	@ 150°F	
QRTU12__	1/8	.066	.030	1/4	233	172	140	117	0.5
QRTU16__	5/32	.093	.031	3/8	176	130	106	88	0.7
QRTU19__	3/16	.107	.040	3/8	150	111	90	75	1.0
QRTU25__	1/4	.160	.045	1/2	148	110	89	74	1.5
QRTU31__	5/16	.216	.048	3/4	133	98	80	67	3.9
QRTU38__	3/8	.245	.065	7/8	147	109	88	74	3.4
QRTU50__	1/2	.375	.090	1-1/8	140	104	84	70	5.1

Metric

MODEL NUMBER*	O.D. (mm)	I.D. (mm)	WALL (mm)	MIN. BEND RADIUS	WORKING PRESSURE (PSIG)				WEIGHT lbs/100'
					@ 75°F	@ 100°F	@ 125°F	@ 150°F	
QRMU04__	4	.24	0.8	3/8	176	130	106	88	0.7
QRMU06__	6	4.0	1.0	1/2	145	107	87	73	1.3
QRMU08__	8	5.0	1.5	3/4	155	115	93	78	2.6
QRMU10__	10	6.5	1.75	7/8	149	110	89	75	3.9
QRMU12__	12	8.0	2.0	1-1/8	133	98	80	67	5.3

*See page 35 for complete model number information.

Polyurethane Tubing for Numatrol™ Series

Application

This highly flexible tubing allows easy connection to "barbed" fittings with sharp bends possible in less than one inch. Many Numatrol™ installations that previously required the use of nylon tubing for high pressure, clamp functions for example, can now be easily accomplished with this tubing.

Features

Numatrol™ polyurethane tubing offers superior performance to other plastic tubing with regard to kink resistance. Low temperature flexibility, higher working pressures, and resistance to ambient ozone oil, grease, fuels and most chemicals.

Specifications

- Vacuum to 28" Hg
- Temperature Range: -0° to 200° C
- Shore 83 A

MODEL NUMBER	O.D. (in.)	I.D. (in.)	WALL (in.)	TOLERANCE		WORKING PRESSURE (PSIG)						ROLL LENGTH
				O.D.	I.D.	@ 0°C	@ 40°C	@ 80°C	@ 120°C	@ 160°C	@ 200°C	
135-124	1/4	1/8	.031	\pm .008	\pm .005	180	135	97	60	48	22	1000 ft.
135-125	1/4	1/8	.031	\pm .008	\pm .005	180	135	97	60	48	22	100 ft.
135-127	1/8	1/16	.015	\pm .005	\pm .005	180	135	97	60	48	22	1000 ft.
135-126	1/8	1/16	.015	\pm .005	\pm .005	180	135	97	60	48	22	100 ft.