

**“Going to  
Great  
Lengths”  
with**



**Polyurethane  
Tubing**



# **Polyurethane Tubing Series TIUB & TU**

## **SMC Offers a Rainbow of Tubing Types, Colors, Sizes and Lengths**

Polyurethane has 8 Quick Ship colors, equalling 336 part numbers, stocked on the shelf and ready to ship in all available sizes and lengths. There are 21 additional standard colors to suit special needs. SMC offers 11 additional tubing types and materials to cover nearly any application. See the product catalogs referenced below.

*\*Consult your SMC representative for any special color or length requirements, subject to minimum order quantity.*

## **SMC's Quick Ship Program - "get what you need when you need it"**

SMC is committed to satisfying customer needs by offering a wide range of colors, sizes and lengths in both inch and metric configurations. The 8 most commonly used colors are stocked on the shelf and ready to ship in all available sizes and lengths.

## **SMC Polyurethane Tubing Stands the Test of Time**

SMC uses Polyether type resin, the highest quality available, to insure the longest possible tube life. There are two resins that are generally used to make Polyurethane, Polyether and Polyester. SMC has chosen Polyether resin because of its immunity to hydrolysis.

**hy·drol·y·sis** [hīdróləssiss] *noun*  
reaction with water: a chemical reaction in which a compound reacts with water, causing decomposition and the production of two or more other compounds, for example, the conversion of starch to glucose

## **SMC Offers the Highest Dimensional Accuracy**

SMC's high quality manufacturing integrity assures that connection leaks are not due to tubing dimension irregularities.

- ✓ Continuous laser inspection of OD during production
- ✓ Continuous monitoring of wall thickness

## **Other Standard SMC Tubing Products:**

### **Catalog N500**

Series TU & TIUB **Polyurethane Tubing**  
Series TUS **Soft Polyurethane Tubing**  
Series TCU **Polyurethane Coiled Tubing**  
Series TFU **Flat Polyurethane Tubing**  
Series T & TIA **Nylon Tubing**  
Series TS & TISA **Soft Nylon Tubing**  
Series TIRS & TRS **Flame Resistant Soft Nylon Tubing**  
Series TRB **Flame Resistant Layer Tubing**  
Series TA **Anti-Static Tubing**

### **Catalog N501**

Series TUH **Hard Polyurethane Tubing**  
**Catalog ES50-17**  
Series TPH & TPS **Polyolefin Tubing**  
**Catalog ES70-17**  
Series TL & TIL **High Purity Fluoropolymer**

## SMC Goes To Great Lengths

- ✓ Standard stocked lengths at 66ft, 100ft, 500ft, 1000ft, and 1640ft.
- ✓ Other lengths available based on minimum order quantity

## SMC Tubing Accessories

- ✓ TK-1 Tube Cutter (Tubing 13mm or less)
- ✓ TK-2 Tube Cutter (Tubing 18mm or less)
- ✓ TK-3 Tube Cutter (Low Cost)
- ✓ TG-1 Tube Release Tool (ø4, ø6mm tube)
- ✓ TG-2 Tube Release Tool (ø1/8", ø1/4" tube)



## SMC Offers a Rainbow of "Standard" color choices

**TIUB 05 BU 33**

Polyurethane Tubing

Size

Symbol	Tube size
01	1/8"
05	3/16"
07	1/4"
11	3/8"
13	1/2"

Color indication

Symbol	Color
01	Black
05	Blue
07	Clear
11	Green
13	Red
YR	Orange

See Color Chart Below.

Length per roll

Symbol	Roll size
20	66 ft.
33	100 ft.
153	500 ft.
305	1000 ft.
500 <sup>†</sup>	1640 ft.

<sup>†</sup> 1/8", 3/16", 1/4"  
Longer lengths available upon request.

**TU 0425 BU 20**

Polyurethane Tubing

Size

Symbol	Tube size
0425	4mm (5/32")
0604	6mm
0805	8mm (5/16")
1065	10mm
1208	12mm

Color indication

Symbol	Color
G4	Dark Green
GR1	Gray (solid)
GR2	Lt. Gray (solid)
P1	Neon Pink
PU1	Purple (solid)
PU2	TR Purple
R1	Red (solid)
R2	TR Red
S1	Silver
Y1	Yellow (solid)
Y2	TR Yellow
Y3	Neon Yellow
YR1	TR Orange
YR2	Neon Orange

See Color Chart Below.

Length per roll

Symbol	Roll size
20	20m
33*	100 ft.
100	100m
153*	500 ft.
305*	1000 ft.
500 <sup>†</sup>	500m

<sup>†</sup> 4mm, 6mm, 8mm  
\* Standard for 4mm (5/32") & 8mm (5/16") tube size.  
Longer lengths available upon request.

	Color	Tube Sample
B	Black	
BU	Blue	
C	Clear	
G	Green	
R	Red	
W	White	
Y	Yellow	
YR	Orange	
BU1	Blue (solid)	
BU2	TR Blue	
BU3	Med. Blue	
BR1	Brown (solid)	
G1	Green (solid)	
G2	TR Green	
G3	Neon Green	

	Color	Tube Sample
G4	Dark Green	
GR1	Gray (solid)	
GR2	Lt. Gray (solid)	
P1	Neon Pink	
PU1	Purple (solid)	
PU2	TR Purple	
R1	Red (solid)	
R2	TR Red	
S1	Silver	
Y1	Yellow (solid)	
Y2	TR Yellow	
Y3	Neon Yellow	
YR1	TR Orange	
YR2	Neon Orange	

Note: Quick ship colors include: Black, Blue, Clear, Green, Red, White, Yellow and Orange.

# Global Manufacturing, Distribution, and Service Network



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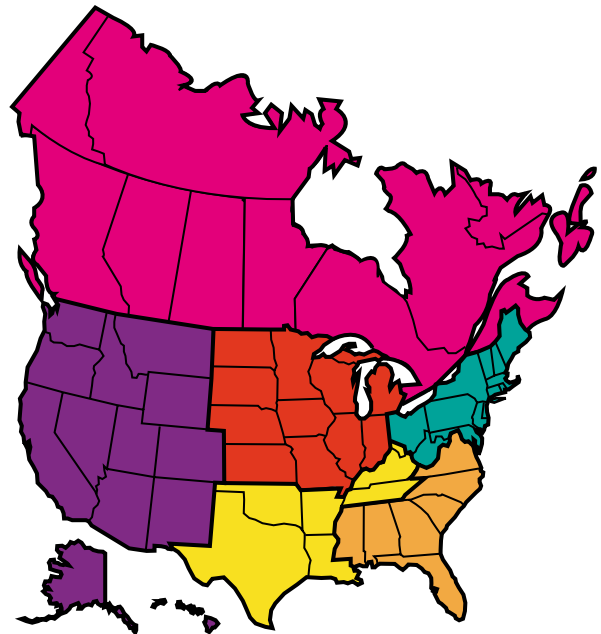
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