

# Q1



## GENERAL PURPOSE, NON-FLAME RETARDANT POLYOLEFIN TUBING SHRINK RATIO 2:1

### Features/Applications

Commercial grade polyolefin tubing for general applications where flame retardant properties are not needed but electrical insulation and mechanical performance is important. Conforms to objects more uniformly and with less longitudinal change than most PVC based tubing. Bright and shiny surface is an attractive covering for many automotive, appliance and consumer-goods applications. Clear version offers exceptional clarity for protecting marked surfaces.

- Operating temperature: -55°C to +105°C
- Minimum shrink temperature: 80°C
- Full recovery temperature: 100°C
- Standard colors: Black, clear
- Other colors are available upon request
- RoHS Compliant



Technical Data		
Property	Test Method	Typical Data
Operating Temperature	UL 224	-55°C to +105°C
Tensile Strength	ASTM D 2671	> 10.4 MPa
Elongation at Break	ASTM D 2671	> 500%
Longitudinal Shrinkage	UL 224	0 ± 5%
Eccentricity	ASTM D 2671	< 30%
Flammability	----	Flammable
Dielectric Strength	IEC 93	> 25KV / mm
Volume Resistance	ASTM D 2671	> 10 <sup>14</sup> Ω.cm
Copper Stability	ISO 62	Pass

Product Dimensions				
Size (mm)	As Supplied (mm)	After Recovered (mm)		Standard Spool *(SS) (Meter)
	Inside Diameter (min.)	Inside Diameter (max.)	Wall Thickness (min.)	
1.0	1.0	0.50	0.33	200
1.5	1.5	0.75	0.36	200
2.0	2.0	1.00	0.44	200
2.5	2.5	1.25	0.44	200
3.0	3.0	1.50	0.44	200
3.5	3.5	1.75	0.44	200
4.0	4.0	2.00	0.44	200
5.0	5.0	2.50	0.56	100
6.0	6.0	3.00	0.56	100
7.0	7.0	3.50	0.56	100
8.0	8.0	4.00	0.56	100
9.0	9.0	4.50	0.56	100
10	10.0	5.00	0.56	100
11	11.0	5.50	0.56	100
12	12.0	6.00	0.56	50
13	13.0	6.50	0.65	50
14	14.0	7.00	0.69	50
15	15.0	7.50	0.69	50
16	16.0	8.00	0.69	50
18	18.0	9.00	0.80	50
20	20.0	10.00	0.80	50
22	22.0	11.00	0.80	50
25	25.0	12.00	0.90	50
28	28.0	14.00	0.90	50
30	30.0	15.00	0.90	50
35	35.0	17.50	0.90	50
40	40.0	20.00	1.00	50
50	50.0	25.00	1.00	50

Note: Packaging options available for mm sizes.

Product Dimensions							
Size (Inch)	As Supplied (mm)	After Recovered (mm)		Standard Packaging			
	Inside Diameter (min.)	Inside Diameter (max.)	Wall Thickness (min.)	Mini Spool *(MS) (Feet)	Standard Spool *(SS) (Feet)	Cut to Length Pcs. *(QB)	
						6"	48"
3/64	1.2	0.50	0.33	100	1000	50	25
1/16	1.6	0.75	0.36	100	1000	44	25
3/32	2.4	1.25	0.44	100	500	38	25
1/8	3.2	1.50	0.44	100	500	33	25
3/16	4.8	2.50	0.56	100	500	30	25
1/4	6.4	3.00	0.56	100	500	28	25
3/8	9.5	5.00	0.56	100	250	24	25
1/2	12.7	6.50	0.65	100	200	20	5
5/8	15.9	8.00	0.69	50	200	18	5
3/4	19.1	10.00	0.80	50	200	14	5
1	25.4	12.00	0.90	50	200	10	5
1 1/4	31.8	15.00	0.90	50	100	8	5
1 1/2	38.1	20.00	1.00	50	100	5	5
2	50.8	25.00	1.00	50	100	3	5

### Notes:

1. \* See Part Number Guide for standard packaging codes.
2. Special sizes, packaging, colors and cut pieces are available upon request.