

TUGA

Brightly colored, shiny, non-flame-retardant polyolefin tubing

Fax-on-Demand: (800) 260-9099
(650) 361-6523

Before ordering check with factory for most current data.



Applications

TUGA is a commercial grade tubing for general applications where a flame-retardant product is not needed but where electrical insulation and mechanical performance are important. TUGA makes an attractive covering for many automotive, appliance, and consumer-goods applications. Exceptional transparency of clear version makes it an ideal choice for protecting marked surfaces.

Operating Temperature Range

-55°C to 125°C

Features/Benefits

- 2:1 shrink ratio.
- Can be easily hot-stamped.
- Bright shiny surface; clear version offers exceptional clarity.
- Semiflexible, non-flame-retardant.
- Conforms to substrates more uniformly and with less longitudinal change than most PVC-based materials.

Installation

Minimum shrink temperature: 85°C

Minimum full recovery temperature: 110°C for black
100°C for all other colors and clear

Specifications/Approvals

Series	Raychem
TUGA-GP	RW-2201

Product Dimensions (mm/in)

Size	Inside diameter		Wall thickness	
	Minimum expanded as supplied	Maximum recovered after heating	Maximum recovered after heating*	
1.2/0.6	1.2 (.047)	0.6 (.024)	0.4 (.016)	
1.6/0.8	1.6 (.062)	0.8 (.031)	0.4 (.016)	
2.4/1.2	2.4 (.093)	1.2 (.047)	0.5 (.019)	
3.0/1.5	3.0 (.118)	1.5 (.059)	0.5 (.019)	
5.0/2.5	5.0 (.197)	2.5 (.098)	0.5 (.019)	
6.4/3.2	6.4 (.250)	3.2 (.125)	0.6 (.024)	
8.0/4.0	8.0 (.315)	4.0 (.157)	0.6 (.024)	
9.5/4.8	9.5 (.375)	4.8 (.189)	0.6 (.024)	
11.0/5.5	11.0 (.433)	5.5 (.217)	0.6 (.024)	
12.7/6.4	12.7 (.500)	6.4 (.250)	0.6 (.024)	
15.0/7.5	15.0 (.591)	7.5 (.295)	0.8 (.031)	
20.0/10.0	20.0 (.787)	10.0 (.394)	0.8 (.031)	
25.4/12.7	25.4 (1.000)	12.7 (.500)	0.9 (.035)	
38.0/19.0	38.0 (1.496)	19.0 (.748)	1.0 (.039)	
51.0/25.0	51.0 (2.008)	25.0 (.984)	1.1 (.043)	

*Wall thickness will be less if tubing recovery is restricted during shrinkage.

Ordering Information

Color	Standard Black (-0), white (-9), red (-2), blue (-6), yellow (-4), green (-5), clear (-X)
Size selection	Always order the largest size that will shrink snugly over the component to be covered. Special order sizes are available upon request.
Standard packaging	On spools.
Ordering description	Specify product name, size, and color (for example, TUGA-3.0/1.5-0).