

QBG RoHS Compliant

FLEXIBLE THIN WALL TUBING FOR FLEXIBLE GAS PIPES
SHRINK RATIO 2:1

Features/Applications

QBG flexible heat shrink tubing is specially designed for applications involving flexible gas pipes. Due to the physical properties of this tubing, it provides excellent protection for these flexible gas pipes.

- Operating temperature: -55°C to +105°C
- Minimum shrink temperature: 90°C
- Full recovery temperature: 110°C
- Standard color: Yellow
- RoHS Compliant



Technical Data

Property	Test Method	Typical Data
Specific Gravity	ASTM D 729	1.25 g/cm ³
Longitudinal Changes	ASTM D 2671	0 to -5%
Eccentricity	ASTM D 2671	< 30%
Tensile Strength	ASTM D 2671	14MPa
Elongation	ASTM D 2671	> 650%
After Aging Ultimate Elongation Tensile Strength	158°C, 168 hrs	> 490% > 12MPa
Heat Shock	250°C, 4Hrs.	No flowing or dropping
Cold Bend Test	ASTM D 2671	No cracking
Dielectric Strength	IEC 93	> 25kV / mm
Volume Resistance	ASTM D 2671	10 ¹⁴ Ω.cm
Copper Corrosion	UL 224	No corrosion
Copper Stability (158°C, 168 hrs.)	UL 224	Pass
Printability	Hot stamp / Inkjet / Offset printing	Very good

Product Dimensions

Size (mm)	As Supplied (mm)		After Recovered (mm)		Standard Packaging Standard Spool *(SS) (Meter)
	Inside Diameter (min.)	Outside Diameter (min.)	Inside Diameter (max.)	Wall Thickness (min.)	
23.0	23.0	46.0	9.5	0.65	100
27.5	27.5	55.0	12.7	0.70	50
29.0	29.0	58.0	12.7	0.70	50
33.5	33.5	67.0	16.0	0.80	50
40.5	40.5	81.0	19.0	0.80	50
51.0	51.0	102.0	25.4	0.80	50
65.0	65.0	130.0	32.5	1.27	30
76.2	77.0	154.0	38.1	1.27	30

Notes:

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