



THE GUND COMPANY

MANUFACTURERS & FABRICATORS OF ENGINEERED MATERIAL SOLUTIONS

G22 Glass Epoxy Convolute Wound Tubing

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|--------------------------|---|-----------------|--------------------|--------------|
| Item: | G21 Glass Epoxy Convolute Wound Tubing | | | |
| Description: | G22 high temperature glass epoxy convolute wound tubes are produced from woven glass fabric sheets impregnated with epoxy resin. G22 is specifically formulated for thick wall tubes used in downhole applications. The material has the ability to maintain excellent mechanical and physical properties at elevated temperatures up to 180 C. | | | |
| Availability: | | | English Units (in) | SI Unit (mm) |
| | Diameters: | OD: | 0.375 to 20 | 9.52 to 508 |
| | | ID: | 0.25 to 18 | 6.25 to 457 |
| | | Typical Length: | 39 to 48 | 1000 to 1200 |
| | Please contact The Gund Company for other dimensions | | | |
| Fabricated Parts: | The Gund Company custom fabricates insulation materials to the exact specifications and drawings specified by our customers. | | | |

| Key Characteristics | Test Method | Units | Typical Values |
|--|-------------|-------|----------------|
| Standard Color | Visual | -- | Black |
| Density | ASTM D348 | gm/cc | 1.8 |
| Water Absorption (24 Hours) | ASTM D348 | % | <0.2% |
| Axial Compressive Strength | ASTM D695 | psi | 45,000 |
| Flex Strength, Perpendicular to Lamination | ASTM D348 | psi | 43,500 |
| Glass Transition Temperature | ASTM D3418 | F | 340 |
| Temperature Rating | IEC 61212-2 | F | 356 |

AS9100 Certified QMS | ISO9001 Certified QMS | RoHS Compliant | ITAR Compliant

Data supplied above are typical values and are not to be considered specification values. All of the information, suggestions and recommendations pertaining to the properties and uses of the products herein are based upon tests and data believed to be accurate; however, the final determination regarding suitability of any material described herein for the contemplated application, the manner of such use, and whether the use infringes any patents is the sole responsibility of the user. There is no warranty, expressed or implied, including, without limitation warranty of merchantability or fitness for a particular purpose. Under no circumstances shall we be liable for incidental or consequential loss or damage.