

# GREMTUBE® CG105

## TECHNICAL DATA SHEET

GREMTUBE® CG105 is flexible heat-shrinkable tubing with a 2:1 shrink ratio made of a special modified PVC compound for electrical insulation and mechanical protection.

**Working temperature** -50°C up to +105°C

**Standard colours** Black, green, yellow, blue, white, red, clear.

**Non-standard colours** Upon request.



## DIMENSION DATA

Reference	Inside diameter (mm)		Wall-thickness after recovery (mm) (e)
	As supplied mini. (D)	After recovery maxi. (d)	
CG105 160	1,6	0,9	0,50
CG105 240	2,4	1,3	0,60
CG105 320	3,2	1,7	0,60
CG105 480	4,8	2,5	0,90
CG105 640	6,4	3,2	0,90
CG105 950	9,5	4,8	0,90
CG105 1270	12,7	6,4	1,00
CG105 1500	15,0	7,5	1,00
CG105 1900	19,0	9,5	1,00
CG105 2540	25,4	12,7	1,20
CG105 3180	32,0	16,0	1,20
CG105 3810	38,1	19,0	1,20
CG105 5100	51,0	25,5	1,20
CG105 7620	76,2	38,1	1,40
CG105 10200	102,0	51,0	1,70

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## TECHNICAL CHARACTERISTICS :

	Standard Requirements	Test Methods
<b>PHYSICAL</b>		
Working temperature	-30°C up to +105°C	
Shrink temperature	+150°C	
Shrink ratio	2 : 1	
Longitudinal change	0-15%	ASTM D 2671
Specific gravity	1,38	ISO / R 1183
Elongation at break (168h at +105°C)	140% mini.	ISO 37
Low temperature flexibility (1h at -10°C)	No cracking	ASTM D 2671
Flammability	Self-extinguishing	ASTM D 2671
<b>ELECTRICAL</b>		
Dielectric strength	20 kV/mm mini.	IEC 243
<b>CHEMICAL</b>		
Water absorption	0,2%	ASTM D 570
Fluid resistance	Good MIL-I-23053	ISO 1817, ISO 37
<b>CUTTING / MARKING</b>		
Upon request.		
<b>PACKAGING</b>		
On spool.		
Recommended storage conditions: +25°C maxi.		
<b>SPECIFICATION</b>		
UTE-C-93-641 Model GER 57.		

We certify that the values provided are as accurate as possible. Use of these values, however, remains the sole responsibility of the customer and cannot in any way substitute for testing the product under real conditions of use. The user must assess whether this product is suitable for a particular use. Gremco shall not be held responsible for any loss or anomaly resulting from the correct or incorrect use of this product.