

GT11 / GT11-R

WRAP-AROUND HEAT-SHRINKABLE INSULATING TUBE ADHESIVE LINED

I Application

Heat-shrinkable black crosslinked polyolefin sleeves for sealing and insulating LV and sealing and protecting of MV cables with XLPE, PVC and EPR (rubber) insulation. The GT11 R tubes have the same electrical properties as the GT11 but are heavy walled. Wrap-around sleeve for cable sheath repair.

I Technical characteristics

Material	Crosslinked polyolefin	
Colour	Black	
Continuous operating temperature	-40°C a +135°C	
Minimum shrink temperature	125°C	
Density	1,1 g/cm ³ ±10%	ASTM D-1505 / ISO R1183
Tensile strength	20÷25 N/mm ²	ASTM D-412 / ISO 37
Ultimate elongation	500%÷600%	ASTM D-412 / ISO 37
Dielectric constant	<5	IEC 250
Volume resistivity	>1x10 ¹³ Ohm.cm	IEC93
Dielectric strength	>15 kV/mm	IEC 243
Water absorption	<0,2%	DIN53495 / ISO 92
Fungus and mildew resistance	pass rating 1	ASTM G 21
Contents of carbon black	>2,5%	ASTM2671
Chemical resistance	(Treatment with 0,1N Na ₂ SO ₄ , H ₂ SO ₄ , NaOH, NaCl)	
Halogen free		



Product code	Internal dia. d/d1 (mm)	Thickness s1 (mm)	Standard length L (m)
GT11-34 / GT11-34 R	41/10	2,5	1,5
GT11-50 / GT11-50 R	55/15	2,5	1,5
GT11-75 / GT11-75 R	75/22	2,8	1,5
GT11-105 / GT11-105 R	105/30	3	1,5
GT11-120 / GT11-120 R	120/40	3,5	1,5
GT11-146 / GT11-146 R	146/38	3,5	1,5
GT11-164 / GT11-164 R	164/42	3,5	1,5
GT11-200 / GT11-200 R	200/55	3,5	1,5
GT11-250 / GT11-250R	257/91	3,5	1,5

d = Expanded diameter as supplied / d1 = Recovered diameter after shrinking / s1 = Recovered thickness after
Other lengths available on request.