

# Gel - GQM



Filoform GQM Gel is a two-part, isocyanate and solvent free cold-pour insulating compound, rated to 22kv. The GQM remains flexible and tacky once cured; however, is the ideal alternative to other leading products for insulating and moisture sealing of Medium Voltage electrical equipment.

Filoform GQM has excellent adhesion to both plastics and metals, has a low curing temperature and is available in a variety of pack sizes. The nature of the Gel allows it to be removed from switchgear, cable termination boxes and enclosures without the need for heat, and is not subject to any hazardous safety classification.

- Label-free product.
- Low temperature during curing.
- Good adhesion to metals and plastics.
- Application: indoor, outdoor, underground & underwater.

Properties	Unit	Value
Potlife (process time) 20°C	minute	90
Gel time 20°C	minute	140
Viscosity 20°C	cps	1000
Density	g/cm <sup>3</sup>	0,97
Temperature resistance	°C	-40 tot +140
Corroision of copper		non corrosive
Dialectric strength	kV/mm	>20
Volume resistivity	ohm/cm	> 2 x 10 <sup>15</sup>
Water tightness		IP68
UV resistant		yes
Colour		blue
Shelf life	Months	Unlimited



Article No	Description	Volume (ml)
88020850UK	Gel type GQM, 170ml	170
88020851UK	Gel type GQM, 250ml	250
88020852UK	Gel type GQM, 400ml	400
88020855UK	Gel type GQM, 1000ml	1000

**\*\*Larger sizes available upon request\*\***

## Features

- One component coloured blue for better control of the mixing procedure
- Removable
- Flexible
- Cross-linking under influence of water
- Excellent adhesive strength on metal and synthetic material
- Temperature range -40°C up to +140°C
- Flame-resistant
- Waterproof > 0,01 MPa
- High hydrolysis-resistance
- Resistant against UV-rays
- Resistant against alkaline
- Soft-elastic
- Transparent