

Potting Compound - PCR Series

Function

The potting compound acts as a insulation and water sealant for underwater junction box components. It provides a soft re-enterable insulation for cables and components. For use with JB, JBM & JBF series junction boxes.

Features:

- * Bonds to most cable jackets
- * Re-enterable
- * Closed mixing pouch for easy mixing and pouring
- * Excellent multi-purpose moisture sealing resin



Properties

Colour

Amber Translucent

Density

0.53 oz/in³ (0.91 g/cm³)

Tensile Strength (ASTM D-412)

10.7 psi (0.75 kg/cm²)

Elongation (ASTM-D412)

300%

Tear Strength (ASTM D-624)

1.6 lb/in @ 75°F (585 N/m @ 24°C)

Maximum Exotherm (100g)

(3M test method)

6°F rise (3°C rise)

Gel Time @ 75°F (23°C)

62 minutes

Moisture Absorption (ASTM D-570)

0.2%

Insulation Resistance (MS 17000, Section 1182)

>4 x 10¹¹ ohms

Dielectric Strength (ASTM D-149)

>240 V/mil @ 23°C 125 mils thickness

Dielectric Constant (ASTM D-150)

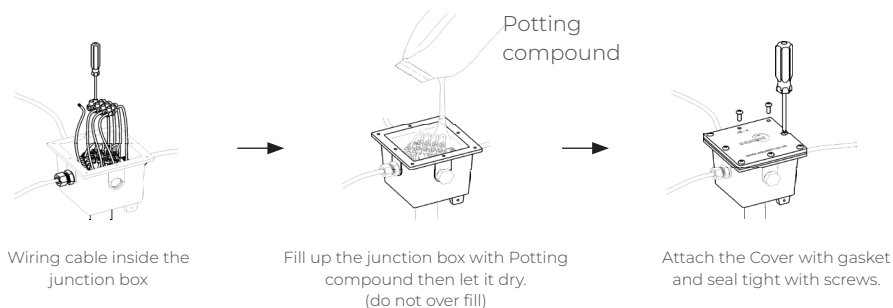
>1,2 100 Hz, 23°C


Dissipation Factor (ASTM D-150)

0.0008 100Hz, 23°C

Model No.	Description	Weight (g)	Volume (cm ³)
PCR-100	350g Re-enterable potting compound	350	338.3
PCR-200	600g Re-enterable potting compound	600	665.3

Typical Use



Potting Compound	PCR Series	Model No. PCR	Rev. 0	
The information contained in this drawing is the sole property of Aquashi. Any reproduction in part or as a whole without the written permission of Aquashi is prohibited. Aquashi reserves the right to update all designs, specifications and data sheets without prior notice.				