

JSL Waterproof IP68 Junction box for temporary immersion in water Ref. J100S GKIT
POWER GELL filling solution for extra waterproof enclosures on surface & underground Use



BOXLINE junction enclosures are suitable for applications where electrical connections must be protected from the wet conditions are very common in industrial, washing installations, shipyard places, refineries, docks, flood-prone areas, subway tunnels or even pools and gardens or agricultural and horticultural applications.

Enclosure J100S GKIT is IP68 waterproof when exposed to IP68 conditions or temporary immersed in water, sealing all the electrical installations against humidity, even in salty or extreme temperature conditions. Two component sealing compound packed in practical transparent PE bottles. The transparent and elastic “Power Gel” protects electrical and electronic components on both outdoor use or in high humidity indoor areas.

Dimensions: (external) 116x116x60 mm. With 6 screwed entries for M20 Cable Glands. Supplied with easy mixing 2 components POWER GELL pack kit:



Power Gel pack kit is supplied with a very easy mixing cup and the 2 components bottles.

JSL - Material Eléctrico, SA

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Characteristics:

- Flexible and transparent two component Gel, with a mix ratio of 1:1
- Seals and protects electrical installations
- Non toxic, safe and long-lasting
- Rating up to IP68
- Dielectric strength > 23 kV/mm
- Very high resistance value ($>10^{16} \Omega \times \text{cm}$)
- For installations up to 1000 V.

removable

- unopened unlimited shelf life
- useable up to 12 months after opening

Content

- Component A
- Component B
- Mixing cup
- Mixing stick
- Mounting instructions
- pair of gloves
- Box J100S with one blin nut for sealing the gell entry in the box in case of vertical mounting.

Unlike other foam-based systems where the foam is extremely difficult to remove after it has been inserted, the clear JSL Power Gel supplied, can easily be removed without damaging the enclosure or the connections, allowing for simple rewiring or reuse. The IP68-rated enclosure system even withstands extended periods of total immersion. Once cured, the Gel-filled enclosures are shock and fracture-proof, UV-resistant and exhibit **low flammability**

The standard Gell resin is not Flame Retardant (FR).but has low flammability. Properties of insulation subjected to flames in accordance with DIN VDE 0472, part 814. Corrosiveness of combustion gases in accordance with DIN VDE 0472, part 813. The enhanced GT gel is based on cast resin technology and is halogen-free, delivering an easy to use, environmentally friendly, high performance protection solution.

Remarks and characteristics:

- Waterproof and corrosion proof
- Pre-filled with a non-toxic sealant that eliminates hazmat requirements
- Re-enterable housing allows for splice examination
- Visible inspection without removing the gel encapsulated junction bar.
- For electrical systems up to 1000V.



Technical data :

Dielectric strength - 23 kV/mm – According IEC 60243

Cone penetration - 175 mm/10 – According ISO 2137

Specifications for contact resistance - $1 \times 10^{15} \Omega \times \text{cm}$ – According IEC 60093

Viscosity (23°C) [Nom] - 1000 mPa x s – According ISO 3219

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