

### **GelBox PowerGel-filled Cable Joint for 4-core polymeric cables 0.6/1kV including mechanical connector block**

**Uniquely easy to install, snap-close, clean, cold applied and UV stable PowerGel-filled closure including a sealed mechanical shear bolt insulation piercing connector block**

#### **Excellent cold applied seal**

The Raychem GelBox offers a state-of-the-art sealed joint for underground and direct-buried applications.

#### **PowerGel sealing gel technology**

The GelBox closure and the connector block, with their revolutionary PowerGel sealing gel, cover and seal the joint quickly and easily, saving both time and effort.

PowerGel sealing gel is rated to 90°C continuous temperature with an unlimited shelf life.

#### **History**

The GelBox joint is yet another one of Raychem's field-proven PowerGel filled products for the demanding requirements of the electrical power industry.

#### **Capacity**

The Raychem GelBox covers a wide application range of 4-core cables from 6 to 25mm<sup>2</sup> for both aluminium and copper conductors, stranded or solid and in addition 35mm<sup>2</sup> with round solid aluminium conductors. Size transitions or transitions from copper to aluminium are also possible.



#### **Performance tests**

The GelBox is qualified to CENELEC HD623, the European specification for buried applications. This includes a three week heat-cycling test with the joint immersed in one metre depth of water. A test report with detailed information is available on request.

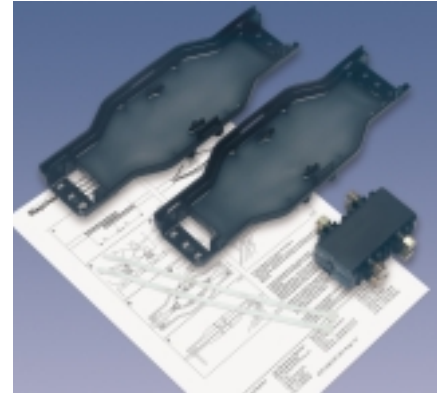
#### **Easy to install**

Closing the rugged GelBox closure is literally a snap. No special tools needed, no rip cords to break, and no trimming, mixing, pouring, or heating is required. The GelBox can immediately be put into service.

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**Kit content**

GelBox closure, connector block, 2 tie wraps and illustrated installation instruction.



**Connector included**

Easy to install connector block: No insulation cutback - insulation piercing technology. Shear bolts always guarantee the optimum contact force. Sealed core entries take care of possible water in between conductor strands. The connector block is fully qualified to IEC-61238-1. Test Report is available on request.



**4-Core Polymeric cables without armour**

GelBox 25	Application range	
	min/mm <sup>2</sup>	max/mm <sup>2</sup>
4 x 6	4 x 25	Al/Cu round solid/stranded conductors
	4 x 35	Al round solid conductors

All of the above information, including drawings, illustrations and graphic designs, reflects our present understanding and is to the best of our knowledge and belief correct and reliable. Users, however, should independently evaluate the suitability of each product for the desired application. Under no circumstances does this constitute an assurance of any particular quality or performance. Such an assurance is only provided in the context of our product specifications or explicit contractual arrangements. Our liability for these products is set forth in our standard terms and conditions of sale.

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