

RayGel PowerGel-filled Cable Joints for single and multi-core polymeric cables 0.6/1kV

Uniquely easy to install, snap-close, clean, cold applied and UV stable PowerGel-filled closures

Excellent cold applied seal

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

PowerGel sealing gel technology

The RayGel closure, with its revolutionary PowerGel sealing gel, covers and seals 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 RayGel joint is yet another one of Raychem's field-proven PowerGel filled products for the demanding requirements of the electrical power industry.

Capacity

Three sizes for straight and branch joints are available, ranging for single core cables from 10 up to 50mm² and for 4-core cables from 1.5 up to 16mm², for details see Selection Table.



Performance tests

RayGel 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 RayGel closure is literally a snap. The short lengths also allow for installations in cramped locations. No special tools needed, no rip cords to break, and no trimming, mixing, pouring, or heating is required. RayGel can immediately be put into service.

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Kit content

RayGel closure, core separator (for RayGel 23 and 24), tie wrap to avoid unintentional opening and illustrated installation instruction.



Product Size	Application Range Main Cable		Branch Cable (if applicable) max/mm ²
	min/mm ²	max/mm ²	
RayGel 12	1 x 10	1 x 50	1 x 16
RayGel 23	4 x 1.5	4 x 6	4 x 1.5
RayGel 24	4 x 6	4 x 16	4 x 2.5

Connector recommendations

All types which dimensionally fit into the closure, such as crimp ferrules, C-crimp, mechanical block and mechanical round types.



Maximum dimensions for straight connectors or connectors with a round shape

Product Size	Diameter max/mm	Length max/mm
RayGel 12	10	25
RayGel 23	8	32
RayGel 24	14	40

Maximum dimensions for branch connectors or connectors with a more rectangular shape

Product Size	Length max/mm	Width max/mm	Height max/mm
RayGel 12	21	24	15
RayGel 23	12.5	8	12.5
RayGel 24	20	12.5	20

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