



Silicone lubricant  
PG-SMAZKA (CRV-Si)



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Silicone lubricant  
PG-SMAZKA-GRAL  
(CRV-Si-CAL)

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sealant PG-VULKAN  
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PG-SMAZKA (CRV-Si)

**CERTIFICATES AND PERMITS**

TC RU C-RU.AA87.B.00304

Permit of the Federal Environmental, Industrial and Nuclear Supervision Service of Russia № PPC 00-044017

**NORMS**

GOST 30852.0-2002 (IEC 60079-0:1998),  
 GOST 30852.18-2002 (IEC 60079-19:1993),  
 Ch. 7.3 of Electrical Installation Code  
 Ch. 7.4 of Electrical Installation Code  
 TR CU 012/2011

Silicone lubricant (PG-SMAZKA (CRV-Si))	PG-SMAZKA silicone lubricant of white and light-brown colour is certified for use together with fittings, ExdIIB boxes and cable glands. Special silicone sealing grease can not be washed off with water and allows to ensure the IP66 protection.
Silicone lubricant (PG-SMAZKA-GRAL (CRV-Si-Cal))	High-tech PG-SMAZKA-GRAL-series lubricant with high content of graphite with the addition of aluminum oxide. Certified for use along with aluminum boxes and lamps. Special extreme-pressure silicone lubricant ensures the protection of threaded connections of large diameter from scuffs and jamming. PG-SMAZKA-GRAL series lubricant has a low transition resistant, that ensuring the continuity of the ground circuit between the enclosure and cover of the equipment, can not be washed out by water.
PG-COMPAUND (CRV) compound and sealing of separate elements	The polyurethane compound is designed for full sealing of RZV, RZG, RZVD RZGD-type fittings, KNVZ-type cable glands, modules and other special applying. It is composed of two elements: main (A) and hardener (B). Mixing of components should be made immediately before use. Fire-resistant glass-fiber is used for hindrance of compound leakage. PG-COMPAUND compound does not affect the polymer (silicone) conductor clad. The sealed tube of hardened PG-COMPAUND compound provides resistance, resistant to moisture, occurrence of mold and toxic and spores, resistant to hostile environments and vibration. PG-COMPAUND compound is supplied in plastic containers of various weights, each component is in a separate container.
PG-VATA (FB) glass fiber	Fire-resistant glass fiber is embedded in isolating fittings and prevents leakage of the compound before its solidification in the pipe system of wiring or equipment enclosure. Fiberglass is water-resistant, resistant to hostile environment and unexposed to occurrence of mold and toxic and spores.
PG-FLANEC (CRV-FLANDE) flange sealant	PG-FLANEC is a special flange filleting sealant which creates secure "shaped on side" ultra-fine blotter on flat flame-proof joint. This sealant is used for ensuring of IP68 protection in explosion-proof equipment, where it is necessary to provide a small gap between the explosion-proof surfaces of flat flanges. PG-FLANEC black colour filleting sealant dries slowly and forms a soft, thin white film. PG-FLANEC resists to surface aging and environmental exposure (including sea waters and acid mine waters) and to thermal cycles without becoming solid, preventing shrinkage and cracking.
PG-GERMETIK waterproof insulation(CRV-DTS01) for protection against cable armour/braid flooding	PG-GERMETIK waterproof insulation is designed for protection against cable armour/braid flooding, is resistant to sea water and acid mine water during the entire lifetime of the equipment. PG-GERMETIK waterproof insulation is used for installing of cable glands which correspond DTS01 requirements
PG-REZBA-G (CRV-A) anaerobic sealant	PG-REZBA-G sealant is one-component anaerobic sealant-lock polymerized in the conditions of the absence of air in small gaps between metal surfaces. This sealant can be used to provide IP68 protection and rigid fixation of cable glands' screw connections (fittings) with metal enclosures of equipment. This sealant can not be used on plastics, because of the possibility of its destruction. For best results, threaded surfaces should be cleaned and degreased. The gaps in the counterparts should be completely filled with sealant. After applying of a sealant the joint becomes non-separable.
PG-REZBA-F (CRV-L) sealant	PG-REZBA-F sealant is a white silicone gel polymerized in the presence of natural moisture in the air. This sealant can be used to provide IP67 or IP68 3 bars protection ensuring the subsequent disassembly of threaded connections of cable glands (fittings) with metal enclosure of equipment. For best results, please clean with a clean cloth or paper towel both external and internal threads. The gaps in the mating parts must be completely filled with sealant. Sealant has anti-friction properties for optimum force / wrench torque achieving

<b>PG-TERMOKLEY (CRV-RTV) thermally conductive sealant assembly</b>	PG-TERMOKLEY thermally conductive sealant is an effective means to enhance heat zone and removal of excess heat from the area of adjoining or contiguous surfaces. It allows stick plates and radiators. Supplied in 15 kg packs.
<b>PG-TERMOPASTA (CRV-TERMO) heat-conducting paste</b>	PG-TERMOPASTA thermally conductive filleting sealant is designed to provide an effective thermal contact between close or mating surfaces in the electrical apparatus and equipment of various purposes. It allows to improve the heat exchange, furthermore does not stick surface. Suitable for removable mounting of heating plates or cables.
<b>PG-VULKAN (CRV-FIRE) thermoset intumescent sealant</b>	PG-VULKAN sealant is a sealant specially-designed to provide additional fire protection (termination) on metal cable glands and fittings. Original viscous consistency of sealant allows to use the sealant also on vertical surfaces of equipment. PG-VULKAN sealant is applied inside the body of the cable gland with wires from the inner side of the equipment enclosure by applying pneumatic gun. The sealant must be applied to the entire length of the cable gland tail part (for fitting the length of PG-VULKAN sealant length should be at least of 2 fitting diameters). In case of fire when heated over 200 ° occurs effect of auto-sealing (swelling) with sealant carbonization so the induration is transformed from sealant into a solid vulcanite barrier that prevents the passage of smoke and fire. PG-VULKAN sealant is an additional effective barrier to water, gas and pressure. Sealant can be used in conditions of 100% humidity, has a radiation resistance (safety radiation dose 1, 25 x 10 <sup>8</sup> rad), high electrical insulation properties (can be used for cables with an operating voltage of more than 3.3 kW, freeze-resistant).



PG-TERMOPASTA (CRV-TERMO)



PG-KOMPAUND (CRV)