

RAMPF – Antibacterial Foam Gasket Certified to New Standard DIN EN ISO 846 (11/2020)

RAKU[®] PUR 32-3294-2 for AC systems, HVAC, control cabinets, lights, and lamps

Grafenberg, December 6, 2021. The antibacterial foam gasket RAKU[®] PUR 32-3294-2 by RAMPF Polymer Solutions has been certified to the latest standard DIN EN ISO 846 (11/2020). The two-component polyurethane system is used in a range of applications, including AC systems, HVAC, control cabinets, lights, and lamps.



RAMPF Polymer Solutions developed the brand-new sealing gasket RAKU[®] PUR 32-3294-2 to satisfy the requirements of the latest and much more stringent version of DIN EN ISO 846 (11/2020). The polyurethane system has now been successfully certified by the Institute of Hygiene of the Ruhr District. In conjunction with certification to VDI 6022, this means no mildew, yeasts, or bacteria can form, grow, or reproduce on the material.

The FIPFG (formed in place foam gasket) system is used in:

- > AC systems and HVAC (heating, ventilation, and air-conditioning) in hospitals, universities, libraries, museums, trade fair buildings, shopping malls, as well as residential and office buildings
- > Control cabinets (including in the food industry)
- > Lights and lamps

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RAKU® PUR 32-3294-2 can be applied both to flat surfaces and inside grooves, and the product impresses with its outstanding physical properties:

- Top sealing quality in terms of IP requirements
- Suitable for both indoor and outdoor applications
- Very low levels of compression set
- Shore hardness can be flexibly adjusted (Shore 00: 40-70)
- Extremely low water absorption



What's more, RAKU® PUR 32-3294-2 boasts an impressive economic advantage – thanks to its very low density, a minimal amount of material needs to be used. The integral RAKU® speed technology means the material is tack-free at room temperature in a very short time, so cycle and handling times are extremely fast.

As Jens Muhl, Technical Sales Manager Sealing Systems at RAMPF Polymer Solutions explains,

“With RAKU® PUR 32 3294-2, we offer companies a top-performing sealing system that satisfies the most stringent antibacterial requirements. This newly developed product also highlights our company's innovative strength. Thanks to our highly qualified staff and state-of-the-art R&D infrastructure, we offer a great deal of flexibility and can implement new market requirements very quickly.”

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www.rampf-group.com



RAMPF Polymer Solutions GmbH & Co. KG is a leading developer and manufacturer of reactive resin systems based on polyurethane, epoxy, and silicone. The company also possesses comprehensive expertise in application technology.

The product portfolio of RAMPF Polymer Solutions includes liquid and thixotropic sealing systems, electro and engineering casting resins, edge and filter casting resins, and adhesives.

Research and development are highly prioritized: Based in Grafenberg (near Stuttgart), Germany, the technology pioneer and quality leader has laboratories and facilities for application technology within its spacious Innovation Center. Every day in the RAMPF Innovation Center, new products are developed, existing products are adapted to specific customer requirements, and a huge range of material combinations are tested.

The materials created in the laboratory are tested in the application technology department, where samples are also made for customers to further enhance product quality and reduce the time to series production. Naturally, customers also receive support during the product rollout phase and production process.

RAMPF Polymer Solutions attaches particular importance to renewable raw materials during the initial research phase. Biopolyols are developed in cooperation with sister company RAMPF Eco Solutions. The potential use of recycled polyols in the composition of new products is also closely examined.

RAMPF Polymer Solutions is a company of the international **RAMPF Group** based in Grafenberg, Germany.

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