EagleBurgmann
a member of EKK and FREUDENBERG

RELY ON EXCELLENCE

Elastic Tankpak 6756

Packings & Gaskets | PTFE sealants and tapes

Features

EagleBurgmann Elastic Tankpak 6756 is an excellent gasket for sealing transport containers for chemicals or solvents. The core is made from a hollow elastomeric material (EPDM) wrapped in PTFE foil, thus guaranteeing optimum chemical resistance for the entire seal. The polypropylene middle layer primarily acts as a cushion and buffer, and it is first wrapped with PTFE foil. The entire seal is then over-braided with PTFE yarn, fixing it firmly to the rest of the material composite.

Notes

For rectangular cross-sections, the maximum width/height ratio should ideally not exceed 3:2. The surface pressure applied to the seal must be evenly distributed around the edge, and must be applied in small increments by attaching as many toggles or clamps as necessary. The sealing surface on the edge of the container or coaming must be smooth and rounded to avoid damaging the seal. The packing may be safely stored in its original packaging for up to 3 years under cool, dry storage conditions.

Advantages

- Outstanding recovery curve
- Suitable for repeated opening and closing of container covers
- Universal chemical resistance
- Enormous inherent strength
- Optimized abrasion resistance
- Reusable

Operating range

Pressure: p = 0,7 bar
Temperature

- Continuous operation:
  t = -50 ... +100 °C
- Continuous operation 6756/TH:
  t = -50 °C ... +250°C

Chemical resistance:
pH = 0 ... 14
Resistant to acids, alkalis, oils, organic solvents and liquid and powdered chemicals.

Standards and approvals

- DNV, USCG (PO2/1,2 Butylenoxid)
- Germanischer Lloyd

Recommended applications

Industries

- Chemical industry
- Shipbuilding

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All technical specifications are based on extensive tests and our many years of experience. The diversity of possible applications means, however, that they can serve only as guide values.
We must be notified of the exact conditions of application before we can provide any guarantee for a specific case. Subject to change.