vispac®

Seal for the polymer industry

High reliability and functionality are crucial for a seal in the polymer discharging process for guaranteeing optimized product quality and line availability. The vispac® shaft seal is known for its robustness, reliability and especially for its easy handling. This low-maintenance seal is a proven combination of the viscoseal system and sealed stuffing boxes.

**Your benefits**

- Extremely large range of applications
- Reliability and safety
- Low wear and low maintenance
- Combination of the viscoseal and stuffing boxes, guaranteed tightness in both operation and downtime
- Simple and reliable adjustment of the seal control pressure
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**Typical pumping media**
- Cellulose acetate
- Elastomers
- Epoxy resin
- Phenolic resin
- Polyacrylicnitrile
- Polyamide
- Polycarbonate
- Polybutylene Teraphthalate
- Polyethylene Teraphthalate
- Polymethylmethacrylate
- Polypropylene
- Polycarbonate
- Polystyrene (incl. ABS, EPS)
- Polysulphone
- Silicone
- SBR Latex
- And others

**Technical specifications:**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Admission pressure</td>
<td>Vacuum to 2 bar</td>
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<tr>
<td>Viscosity</td>
<td>50 to 20,000 Pas</td>
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<tr>
<td>Temperature</td>
<td>To 350° C</td>
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A viscoseal performs the sealing function during pump operation. It is a contactless and maintenance-free gap seal that is equipped with an additional cooling mechanism for critical applications. Gap seals, however, only work during operation.

That’s why vispac® combines a viscoseal with a sealed stuffing box. This part of the seal performs the sealing function during line stops and makes sure that no air gets into the system.

**Benefits of the vispac® seal**
- Safe and reliable operation
- Faster and easier adjustment
- Continuous pressure build-up
- Pressure sensor no longer required

The throttle with worm gear screw jack is available for maag discharge pumps from 180 size pumps. Existing discharge pumps can also be retrofitted.

Global contacts, see www.maag.com
Contact us at contact@maag.com

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