Allpac
The traditional slurry seal

- Robust design
- Simple construction
- Proven technology
Allpac - the traditional slurry seal
for over 40 years: copied by many - without success!

System Allpac for slurry and corrosive duties.
Provides economic seal life - low operating and maintenance costs.

Internally mounted, double balanced, single mechanical seal, available in two versions:
- balanced, closing from the product side
  (Allpac 480)
- unbalanced, closing from the atmospheric side
  (Allpac 487).
The springs are stationary and outside the pumped medium, which makes the Allpac very suitable for slurry applications.

- Clean component design - no clogging within the seal chamber
- Enclosed surfaces of the rotating and stationary components that face the medium - no clogging of springs and other components
- Large clearance between the mechanical seal and the shaft sleeve - no clogging within the seal chamber
- Robust, simple construction

Special design options with the Allpac 480
Available with connecting parts, adapted to the machine, e.g. as cartridge unit:
- Cartridge design optional
- Metal-free design optional

pressurized from i.d. double seal design
Flow Solutions Division

Operations Parameters

- **Allpac 480**
  - Shaft sizes: 20 - 300 mm
  - Surface speed: 50 m/sec.
  - Temperature: to 220 °C
  - Maximum pressure: 50 bar

- **Allpac 487**
  - Shaft sizes: 14 - 292 mm
  - Surface speed: 50 m/sec.
  - Temperature: to 220 °C
  - Maximum pressure: 10 bar

Standard Materials of Construction

- **Allpac 480 and Allpac 487**
  - Rotating face: Silicon Carbide or Tungsten Carbide
  - Stationary face: Silicon Carbide or Tungsten Carbide, Carbon
  - Gasketing: Elastomers and PTFE
  - Springs: 316 Ti Stainless steel or Alloy C (Special design)
  - Metal parts: 316 Ti Stainless steel or Alloy C (Special design)

Dimensional Data

<table>
<thead>
<tr>
<th>Allpac 480</th>
<th>Dimensions for other sizes on request.</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 L1 L2 L3 L4 L5 L6 L7 L8 L9 L10 R</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Allpac 487</th>
<th>Dimensions for other sizes on request.</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 L1 L2 L3 L4 L5 L6 L7 L8 L9 L10 R</td>
<td></td>
</tr>
</tbody>
</table>

[Diagram of Allpac 480 and Allpac 487]

The information and specifications presented in this product bulletin are believed to be accurate, but are not intended for manufacturing purposes only. Docet not consider certified or a guarantee of satisfactory results. For detailed technical details contact us. The models shown are not for sale and may be discontinued.

Primary Worldwide Flow Solutions Division Locations

- **United States**
  - Kalamec, MI
  - Tempe, AZ
  - Edmonton, AB
  - Portland, OR
  - Seattle, WA

- **Canada**
  - Scarborough, ON
  - Toronto, ON
  - Montreal, PQ
  - Calgary, AB

- **Argentina**
  - Rosedal, Buenos Aires
  - Cordoba, AR
  - Mendoza, Mendoza

- **Australia**
  - Sydney, NSW
  - Melbourne, VIC
  - Brisbane, QLD

ISO 9000 Certified

www.flowserve.com