From power plants to steel mills to refineries, high temperature sealants from LOCTITE® are built for performance.

LOCTITE® NS 5540 and NS 5550 are suitable for sealing steam, hydrocarbons, gases and other process fluids in high pressure, high temperature environments such as those found in power generation facilities, pulp and paper mills, mines, oil and gas refineries, etc. They’re reliable, easy to use and are backed by Henkel’s sales and technical support.
Suitable for high pressure steam applications, LOCTITE® NS 5540 brushable liquid can seal flanges carrying up to 2900 psi (200 bar) steam at temperatures up to 1300°F/700°C.

LOCTITE® NS 5550 is a fibrous paste sealant designed for high temperature (up to 1500°F/815°C) and high pressure applications (up to 5000 psi/340 bar).

**BENEFITS**

- Seal to extreme temperatures
- High pressure applications, including steam
- Allow for easy disassembly for future service/repairs
- Chemical resistance to solvents, oils, acids, hydrocarbons and steam resistance
- Not affected by thermal cycling

**TYPICAL APPLICATIONS**

Turbine split casings, pump casings, boilers, steam traps, ductwork, stacks, heat exchangers, exhaust systems

**LOCTITE® Extreme Temperature Sealants Properties Chart**

<table>
<thead>
<tr>
<th>Product</th>
<th>Appearance</th>
<th>Viscosity, mPa*</th>
<th>Operating Temperature</th>
<th>Pressure Resistance</th>
<th>Cure Method</th>
<th>Chemical Resistance**</th>
<th>Part No. / Container</th>
</tr>
</thead>
<tbody>
<tr>
<td>NS 5540</td>
<td>Brown Liquid</td>
<td>48,450</td>
<td>100-1300°F / 38-700°F</td>
<td>2900 psi / 200 bar</td>
<td>Heat</td>
<td>Excellent</td>
<td>xxxxxx / 0.473 Liter can</td>
</tr>
<tr>
<td>NS 5550</td>
<td>Brown Paste</td>
<td>1,910,000</td>
<td>500-1500°F / 260-815°C</td>
<td>5000 psi / 340 bar</td>
<td>Heat</td>
<td>Good</td>
<td>xxxxxx / 0.946 Liter can</td>
</tr>
</tbody>
</table>

*Brookfield DV-E **Refer to TDS

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Engineering Adhesives