Energy Efficiency

Protect food from field to table with VORATEC™ SC Low Global Warming Potential (GWP) series for commercial appliances insulation

SeekTogether™
Keep it Fresh and Healthy

Dow can help you preserve the quality of food from field to table and keep beverages cool and refreshing. Some of the most efficient supermarket counters, professional display cabinets, portable refrigeration and food service equipment use our sustainable Polyurethane solutions to improve thermal insulation.

Discover Dow’s zero ozone depletion (ODP) and low global warming potential (GWP) solutions for insulation across the cold chain.

Dow VORATEC™ SC Polyurethane systems

Enhanced thermal insulation

More sustainable insulation

Dow VORATEC™ SC solutions provide enhanced thermal insulation properties, which help to meet regional energy regulations.

Dow Polyurethanes provides zero ODP low GWP solutions to help the commercial appliance industry to meet sustainability demands (F-gas regulation compliance, international environmental protocols and mandates).

Customised solutions

Dow’s global network of dedicated Technical Sales Persons, Application Development Engineers and R&D Experts are ready to service and support our customers. The Dow VORATEC™ SC product range helps customers, together with the Dow team, to choose the best fit for their manufacturing requirements.
Globally, Dow VORATEC™ SC Low GWP Polyurethane systems enable customers to meet and anticipate stringent regulations with a combination of insulation efficiency, good processability, and sustainability.

### Polyurethane systems environmental and safety characteristics by blowing agent type

<table>
<thead>
<tr>
<th>Properties</th>
<th>Hydrofluorocarbons (HFC)</th>
<th>Water Blown (WB)</th>
<th>Hydrocarbons (HC)</th>
<th>Hydrofluoroolefines (HFO)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zero Ozone Depletion Potential (ODP)</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Low Global Warming Potential (GWP)</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Non-flammable</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Use Existing Equipment</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Applied density (kg/m³)

### k-factor@10 °C (mW/mK)

### Demolding time 100 mm (min)

**Legend**

- **BA**: Blowing Agent
- **WB**: Water-blown
- **HFO**: Hydrofluoroolefins
- **HFC**: Hydrofluorocarbons
- **HC**: Hydrocarbons
- **CP**: Cyclo-Pentane
- **LL**: Low Level BA Content
- **ML**: Medium Level BA Content
- **HL**: High Level BA Content

Typical properties not to be construed as specifications.
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