Tire Tread Adhesive
G1120

Product Description
3M™ Tire Tread Adhesive G1120 is an extremely aggressive permanent rubber-based adhesive designed for use in tire label applications.

Typical Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peel Adhesion</td>
<td>4.0 lbs./in. (704 N/m) TLMI Method, 180° Peel, 12''/min., 1'' wide sample</td>
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<tr>
<td>Loop Tack</td>
<td>4.0 lbs./in. (704 N/m) TLMI Method, 12''/min., 1'' wide sample</td>
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<tr>
<td>Shear</td>
<td>1 hour TLMI Method, 1.0 in² x 1000g</td>
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<tr>
<td>Application Temp.</td>
<td>40°F to 120°F (5°C to 49°C)</td>
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<tr>
<td>Service Temp.*</td>
<td>-20°F to 140°F (-29°C to 60°C)</td>
</tr>
</tbody>
</table>

*Actual service temperature is a function of the entire construction, including the facestock. Care should be taken to match facestock temperature limitations with the label application requirements.

Features
- Specially formulated for improved adhesion to heavily micro-vented and mold release treated tires.

Processing
- Die cutting is not recommended, butt cutting is preferred.
- Thermal transfer printing is not recommended.
- Pattern coating of the adhesive is available.

Application Ideas
- Tire tread label applications.

Recommended Substrates
- Rubber
- Waxy Surfaces
- Concrete
- Crates/Pallets
**Storage Conditions**

- **Important** – Do not store the material banded. Break the steel banking on the pallet upon receipt.
- Do not store the material double stacked.
- Store in a cool area if possible during summer months.
- It is best not to ship over a weekend in summer months. Try to specify a ship date that will get the material directly to you during the week.
- Rolls with excessive edge bleed are most likely to be found on the top layer directly under the wooden pallet top. These rolls can be salvaged by rewinding on a table top rewinder and then using Talc powder on the edges. This should be done as soon as possible.
- Recommended storage conditions are 72°F (22°C) and 50% relative humidity.

**Shelf Life**

Under recommended storage conditions, normal shelf life is considered to be six months.

**Product Use**

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