Flexible. Safe. Recyclable.

100% RECYCLABLE STRETCH HOODS FOR PALLETs AND UNITS OF GOODS

Perfect for industry, construction, logistics, bagged goods.

Reduction of plastic consumption for each loading scheme:

Also available in sustainable MANUNATURE® quality

FREE STATS
Free analysis tool to optimize your packaging costs.
Phone +49 3461 7459-974, customercare@manupackaging.com
RELIABLE STRETCH HOOD FOR PALLETS AND UNITS OF GOODS

Our multilayer stretch hood guarantees the best-possible reliability for the protection of pallets and goods units during storage and transport. High quality workmanship, high elasticity and stretchability are guaranteed. MANULOCK® is based on a special combination of raw materials and a unique processing, meaning that you benefit from these specifications as standard:

- 100 % recyclable, suitable for all types of packaging machines, easy to use for the best results
- Can be processed under all temperature conditions
- Optimal storage options under a range of conditions, thus preventing static charge and algae formation
- Efficient pallet output
- Excellent for packing heat-sensitive products, also provides top protection against dust, moisture and dirt

FINISHING:

- A single size of MANULOCK® can be adapted for various tailor-made formats and applications
- Available with high and medium perforation
- Available in various colours and with lettering
- UV protection and UV absorber available on request
- Hose circumference from 1640 - 4800, side gusset 100 - 650

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>MANULOCK® HD RR (30% PCR)</th>
<th>MANULOCK® HL RR (30% PCR)</th>
<th>MANULOCK® HC</th>
<th>MANULOCK® HD</th>
<th>MANULOCK® HL</th>
<th>MANULOCK® MD</th>
</tr>
</thead>
<tbody>
<tr>
<td>PERFORMANCE</td>
<td>For special applications.</td>
<td>For special applications.</td>
<td>For standard and more demanding applications.</td>
<td>For standard and more demanding applications.</td>
<td>For special applications.</td>
<td>For EVA-free special applications.</td>
</tr>
<tr>
<td></td>
<td>Suitable for all types of machines.</td>
<td>Suitable for all types of machines.</td>
<td>Suitable for all types of machines.</td>
<td>Suitable for all types of machines.</td>
<td>Suitable for all types of machines.</td>
<td>Suitable for all types of machines.</td>
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<tr>
<td></td>
<td>Does not form holes.</td>
<td></td>
<td></td>
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<tr>
<td>TYPICAL APPLICATION SECTORS</td>
<td>Household appliances, brick, cement, general</td>
<td>Scope of appliance requires significant stretching</td>
<td>Construction and chemical industry, bagged goods, general</td>
<td>Household appliances, brick, cement, general</td>
<td>Scope of appliance requires significant stretching</td>
<td>Composts, cardboard boxes, garden bags</td>
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<tr>
<td>THICKNESS (µm)</td>
<td>40 - 150</td>
<td>60 - 150</td>
<td>80 - 150</td>
<td>35 - 150</td>
<td>25 - 150</td>
<td>40 - 150</td>
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<tr>
<td>MACHINE STRETCH (%)</td>
<td>80</td>
<td>120</td>
<td>70</td>
<td>80</td>
<td>120</td>
<td>80</td>
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<tr>
<td>RESIDUAL STRETCH (%)</td>
<td>50</td>
<td>85</td>
<td>35</td>
<td>50</td>
<td>85</td>
<td>40</td>
</tr>
<tr>
<td>ELONGATION</td>
<td>● ● ● ○ ○</td>
<td>● ● ● ○ ○</td>
<td>● ● ● ○ ○</td>
<td>● ● ● ○ ○</td>
<td>● ● ● ○ ○</td>
<td>● ● ● ○ ○</td>
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<tr>
<td>HOLDING FORCE</td>
<td>● ● ● ● ○ ○</td>
<td>● ● ● ● ○ ○</td>
<td>● ● ● ● ○ ○</td>
<td>● ● ● ● ○ ○</td>
<td>● ● ● ● ○ ○</td>
<td>● ● ● ● ○ ○</td>
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<tr>
<td>PUNCTURE RESISTANCE</td>
<td>● ● ● ○ ○</td>
<td>● ● ● ○ ○</td>
<td>● ● ● ○ ○</td>
<td>● ● ● ○ ○</td>
<td>● ● ● ○ ○</td>
<td>● ● ● ○ ○</td>
</tr>
</tbody>
</table>

Also available in sustainable MANUNATURE® quality.

Manupackaging, formerly Manuli Stretch, is a sustainable developer and manufacturer of innovative transport packaging in super-power film quality. As the inventor of stretch film in Europe, we are your reliable partner for optimal load securing.

Manupackaging Deutschland GmbH is certified according to:
- ISO 9001
- ISO 50001
- ISO 14001

A natural passion for protection. This is our pledge to you.

www.manupackaging.com