

**Flexible.
 Safe.
 Recyclable.**



STRETCH HOOD
MANULOCK®



**100% RECYCLABLE STRETCH HOODS
 FOR PALLETS AND UNITS OF GOODS**

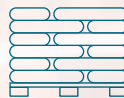


Perfect for industry, construction,
 logistics, bagged goods.

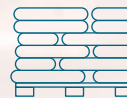
Reduction of plastic consumption
 for each loading scheme:



Also available in sustainable
MANUNATURE® quality



SCHEME A



SCHEME B



SCHEME C

**FREE
 STATS**

Free analysis tool to optimize your packaging costs.
 Phone +49 3461 7459-974, customer@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
- ✔ Anti-theft protection, high transparency for perfect visibility of pallet contents (perfect barcode scanability)
- ✔ Superior puncture and impact resistance for excellent compact pallets and top load stability
- ✔ Low energy consumption, no heating required
- ✔ Prevention of fire and explosion hazards, lowering of insurance costs and reduction of unnecessary adhesion to packaged goods
- ✔ Easy bag removal

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

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