

**Innovative.
 Versatile.
 Recyclable.**



MACHINE STRETCH FILM
MANUWRAP



**100% RECYCLABLE MACHINE STRETCH FILM
 FOR YOUR MACHINE APPLICATIONS**



Perfect for logistics, supermarkets,
 beverages, concrete, bagged goods,
 tissue (hygiene + paper)

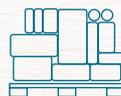
Reduction of plastic consumption
 for each loading scheme:



**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

THE OPTIMAL MACHINE WRAPPING FILM FOR EVERY KIND OF LOAD

The Manupackaging range includes every wrapping film solution for every machine application: 100% recyclable, for heavy loads and low temperature ranges, for high holding power, as own organic line, and in all relevant material thicknesses.

100% recyclable, suitable for all types of machines, easy to use for the best results

Anti-theft protection, high transparency for the perfect visualisation of pallet contents (e. g. barcode goods)

CHARACTERISTICS	ELASTIC				
PRODUCT	LC2	LC3	MAGUS	AT	ATX
FILM TYPE	Standard	Power	Power	Power	Power
MANUNATURE® RR (with recycled content)					
MANUNATURE® BB (ISCC-certified raw material)					
MANUNATURE® BD biodegradable according to BSI PAS 9017:2020					
THICKNESS (µm)	15 - 30	12 - 23	12 - 23	12 - 23	12 - 23
GUARANTEED PRE-STRETCH % (23µm for elastic films)	150	175	200	200	250
PUNCTURE RESISTANCE	● ● ○ ○ ○	● ● ● ○ ○	● ● ● ○ ○	● ● ● ○ ○	● ● ● ○ ○
HOLDING FORCE	● ● ○ ○ ○	● ● ● ○ ○	● ● ● ○ ○	● ● ● ○ ○	● ● ● ○ ○
PRINTABLE (23µm)		✓			✓

CHARACTERISTICS	ELASTIC				STIFF	
PRODUCT	MANULPACK	ATX PLUS	MELITE	MANUSTAR®	MANUSTIF®	MANUSTIF® EVOLUTION
FILM TYPE	Super Power	Super Power	Super Power	Super Power	Power	Super Power
MANUNATURE® RR (with recycled content)						
MANUNATURE® BB (ISCC-certified raw material)						
MANUNATURE® BD biodegradable according to BSI PAS 9017:2020						
THICKNESS (µm)	12 - 23	12 - 23	12 - 30	12 - 17	9 - 15	9 - 11
GUARANTEED PRE-STRETCH % (23µm for elastic films)	300	325	275	400	40	100
PUNCTURE RESISTANCE	● ● ● ● ○	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●
HOLDING FORCE	● ● ● ○ ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ●	● ● ● ● ○	● ● ● ● ●
PRINTABLE (23µm)	✓	✓		✓		
Ideal for low temperatures	✓			✓	✓	✓

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:

