

FIBER FILM BETA-L Light Core

Up to 160% pre-stretch

Product Overview

Fiber Film is a novel, high efficiency stretch film with reinforcement elements (fibers) that increase tear resistance.

Fiber Film **Beta-L** operates with **Fully Automatic Wrapping Machines** that incorporate a pre-stretch unit and **performs up to 160% stretching.**

Fiber Film Beta-L is designed for Light applications and usually replaces a stretch film of 17µm thickness or less.

Beta-L provides:

- ✓ Worry free performance: Place it Forget it!
- ✓ No breakages during palletization
- ✓ Exceptional load retention & stability

| Fiber Film Beta-L Performance Chart | | | | | | | | | |
|--|----------|---------------|------------|-------|-------------|-------------|---------|--------|--|
| 30 - | | ! | | | | | T | \neg | |
| 25 - | ļ | - | | | | | | | |
| a 20 - | | i ! | i | i | | | | | |
| <u>ڪ</u> 15 - | ļ | ¦ <u></u> - | | | | ļ | ļ | | |
| Stress (MPa) 15 - 10 - 10 - 10 - 10 - 10 - 10 - 10 - | | | | | | ¦ | | | |
| 5 - | | ¦ | ¦ | ļ | ¦ | | ļ | | |
| 0 - | | | | | | | | ╛ | |
| | 0 5 | 50 10 | | 50 20 | | 50 3 | 00 | 35 | |

The graph above illustrates how the film performs under an increased load. Where the line ends indicates where the film breaks.

| Technical Specifications | | | | | | | |
|-----------------------------------|------|-----------|--|--|--|--|--|
| | | TOLERANCE | | | | | |
| Tensile strength at break (N/mm²) | 23,9 | 10% | | | | | |
| Elongation at break (%) | 303 | 10% | | | | | |
| Film width (mm) | 485 | 2% | | | | | |
| Film Weight (gr/m) | 4,5 | 5% | | | | | |
| Pre-Stretch up to | 160% | - | | | | | |

Pallet dimensions: $80 \text{cm} \times 120 \text{cm} \times 115 \text{cm}$



100%

| Packaging Specifications | | | | | |
|----------------------------|------|--|--|--|--|
| Gross Roll Weight* (kg) | 11,8 | | | | |
| Film Length per roll** (m) | 2400 | | | | |
| Roll Diameter (O.D.)*** mm | 228 | | | | |
| Core diameter (mm) | 76 | | | | |
| Core Weight (kg) | 1,0 | | | | |
| Rolls per pallet | 36 | | | | |
| Net Pallet Weight *(kg) | 426 | | | | |
| Weight Tolerance* | ±5% | | | | |
| Length Tolerance** | ±2% | | | | |
| Roll Diameter Tolerance*** | ±2% | | | | |

V. 04 2023