



FOR MACHINE USE



FIBER FILM™ DELTA-L

MINIMISE YOUR COST
PER PALLET

**Stretch
Up to 280%**

THE ULTRA PERFORMANCE STRETCH FILM FIBER FILM DELTA-L *Light Core*

Product Overview

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

Fiber Film Delta-L has revolutionary features offering:

- Compatibility with Advanced Wrapping Machines
- Replaces a stretch film of 17µm thickness
- Worry free performance: place it – forget it!
- No breaks during wrapping process
- Exceptional load retention & stability

Technical Specifications

		Tolerance
Tensile strength at break (N/mm ²)	19,61	10%
Elongation at break (%)	400	10%
Film width (mm)	485	2%
Film weight (gr/m)	6,3	5%

Application Recommendations

Total stretch, up to 280%

Recommended stretch 260%

Depending on the conditions (wrapping machine capabilities, temperature, humidity, pallet type, stretching speed), the total stretch should be adjusted accordingly

Instructions for storage and use:

The film should be stored in closed, dry and dust-free rooms, storage temperature +5°C to +30°C with complementary conditions:

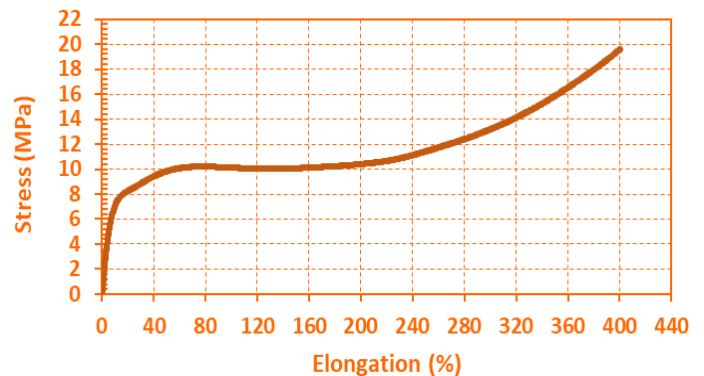
Protected against sunrays exposure and away from heat-emitting sources (heaters, radiators, hot air ventilators)

-The film should be protected against humidity and dust

-The film should be protected against mechanical damages

-The film should be stored on the pallets. Direct contact with concrete or floor is not allowed

**Fiber Film Delta-L
Performance Chart**



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

Packaging Specifications

Gross Roll Weight* (kg)	12,30
Film Length per roll** (m)	1800
Roll Diameter (O.D.)*** mm	230
Core diameter (mm)	76
Core Weight (kg)	1,0
Rolls per pallet	36
Net Pallet Weight *(kg)	443
Weight Tolerance*	±5%
Length Tolerance**	±2%
Roll diameter Tolerance***	±2%

Pallet dimensions: 80cm x 120cm x 115cm

Disclaimer: Data presented herein is based on internal tests. No liability, warranty or guarantee of product performance is created by this document.

PRODUCT DATA SHEET



FOR MACHINE USE



FIBER FILM™ DELTA-GP

MINIMISE YOUR COST
PER PALLET

Stretch
Up to 300%

THE ULTRA PERFORMANCE STRETCH FILM FIBER FILM DELTA-GP *Light Core*

Product Overview

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

Fiber Film Delta-GP has revolutionary features offering:

- Compatibility with Advanced Wrapping Machines
- Replaces a stretch film of 20µm thickness
- Worry free performance: place it – forget it!
- No breaks during wrapping process
- Exceptional load retention & stability

Technical Specifications

		Tolerance
Tensile strength at break (N/mm ²)	20,8	10%
Elongation at break (%)	439	10%
Film width (mm)	485	2%
Film weight (gr/m)	7,8	5%

Application Recommendations

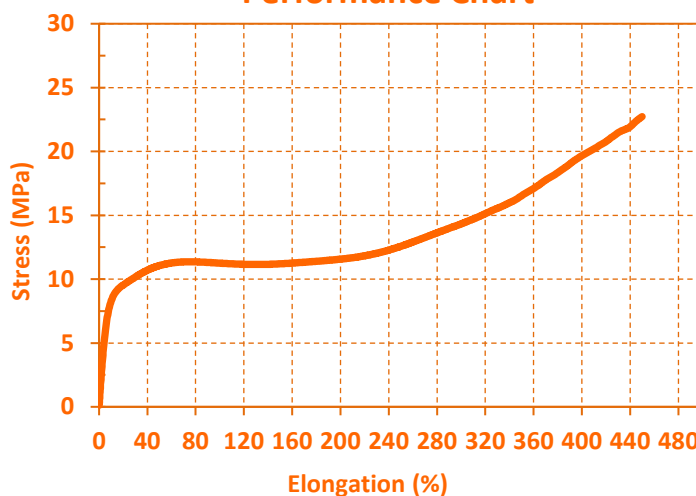
Total stretch, up to	300%
Recommended stretch	270%

Depending on the conditions (wrapping machine capabilities, temperature, humidity, pallet type, stretching speed), the total stretch should be adjusted accordingly

Instructions for storage and use:

The film should be stored in closed, dry and dust-free rooms, storage temperature +5°C to +30°C with complementary conditions:
Protected against sunrays exposure and away from heat-emitting sources (heaters, radiators, hot air ventilators)
-The film should be protected against humidity and dust
-The film should be protected against mechanical damages
-The film should be stored on the pallets. Direct contact with concrete or floor is not allowed

Fiber Film Delta-GP Performance Chart



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

Packaging Specifications

Gross Roll Weight* (kg)	12,30
Film Length per roll** (m)	1450
Roll Diameter (O.D.)*** mm	228
Core diameter (mm)	76
Core Weight (kg)	1,0
Rolls per pallet	36
Net Pallet Weight *(kg)	443
Weight Tolerance*	±5%
Length Tolerance**	±2%
Roll diameter Tolerance***	±2%

Pallet dimensions: 80cm x 120cm x 115cm

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FOR MACHINE USE



FIBER FILM™ DELTA-HD

MINIMISE YOUR COST
PER PALLET

Stretch
Up to 320%

THE ULTRA PERFORMANCE STRETCH FILM FIBER FILM DELTA-HD *Light Core*

Product Overview

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

Fiber Film Delta-HD has revolutionary features offering:

- Compatibility with Advanced Wrapping Machines
- Replaces a stretch film of 23µm thickness or higher
- Worry free performance: place it – forget it!
- No breaks during wrapping process
- Exceptional load retention & stability

Technical Specifications

		Tolerance
Tensile strength at break (N/mm ²)	21,5	10%
Elongation at break (%)	475	10%
Film width (mm)	485	2%
Film weight (gr/m)	10,03	5%

Application Recommendations

Total stretch, up to 320%

Recommended stretch 300%

Depending on the conditions (wrapping machine capabilities, temperature, humidity, pallet type, stretching speed), the total stretch should be adjusted accordingly

Instructions for storage and use:

The film should be stored in closed, dry and dust-free rooms, storage temperature +5°C to +30°C with complementary conditions:

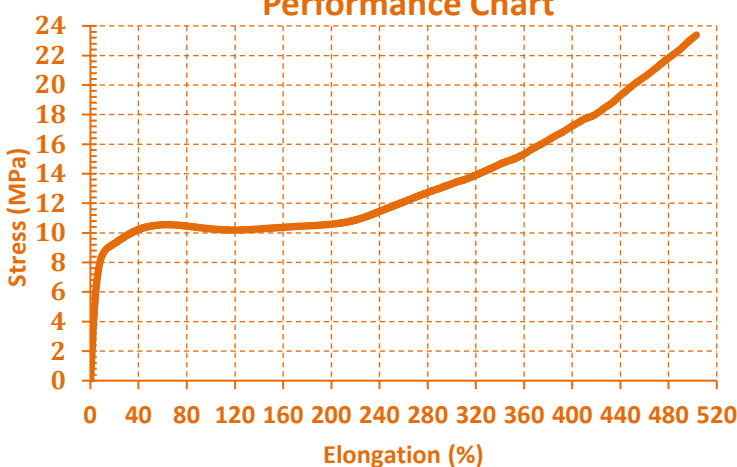
Protected against sunrays exposure and away from heat-emitting sources (heaters, radiators, hot air ventilators)

-The film should be protected against humidity and dust

-The film should be protected against mechanical damages

-The film should be stored on the pallets. Direct contact with concrete or floor is not allowed

Fiber Film Delta-HD, Performance Chart



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

Packaging Specifications

Gross Roll Weight* (kg)	12,0
Film Length per roll** (m)	1100
Roll Diameter (O.D.)*** mm	228
Core diameter (mm)	76
Core Weight (kg)	1,0
Rolls per pallet	36
Net Pallet Weight *(kg)	432
Weight Tolerance*	±5%
Length Tolerance**	±2%
Roll diameter Tolerance***	±2%

Pallet dimensions: 80cm x 120cm x 115cm

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