



# karafiber

Cast Stretch Film, POF (Polyolefin) Shrink Film

 **karafiber**  
TEKSTİL

 **karafiber**  
ELYAF




**kara**

HOLDİNG

 **KARWEB**  
NONWOVENS




 **karaplast**  
HAYAT

 [www.karafibertekstil.com](http://www.karafibertekstil.com)

KARA Holding has been active in the packaging film industry for over 12 years and is one of Europe's largest suppliers of Packaging and Technical films. We offer films at high performance and consistency supplying efficient and economical solutions to your packaging requirements.

For a better future, we believe in a more humane and environmentally friendly production systems, hence organize all our activities from this perspective of conservation and reuse.

KEY QUESTIONS TO CONSIDER

QUESTION	SITUATION(S)		SOLUTION(S)
Is there a centralized packaging area?	Yes		Consider using wrapping equipment
	No		Likely candidate for hand wrapping
What is the production volume?	Low (<30 pallets/8 hours)		Hand film
	Medium (>30-100 pallets/8 hours)		Semi-automatic machine film
	High (>100 pallets/8 hours)		Automatic machine film
What is the load weight?	Low (Under 545 kg)		15 micron or below hand or machine applied film
	Medium (545 - 910 kg)		16-20 micron hand or machine applied film
	High (Over 910 kg)		23 micron or above hand or machine applied film
What is the load type?	Type "A" – Regular shaped pallet with product fitting pallet closely		15 micron or below hand or machine film
	Type "B" – Slightly irregular load – corners and/or product fitting within 8 cm on side		16-20 micron hand or machine film
	Type "C" – Highly irregular load and/or loads which are greater than 8 cm from fitting size of pallet		23 micron or above hand or machine film
What is the speed of the film application?	Low (hand applied or <15 RPM)		Any hand wrap or machine grade film
	Medium (machine applied 16-25 RPM)		Any machine grade film
	High (machine applied above 25 RPM)		Premium Series /Elite/High Performance

	WIDTHS	THICKNESS (µm)	STRETCH RATE	ROLL TYPE	PUNCTURE TEAR RESISTANCE
SUPER POWER STRETCH FILM	10 cm - 150 cm	16-50 µm	%300 - up to 350%	Jumbo / Machine Film	Excellent
				Hand Film	
POWER PLUS STRETCH FILM	10 cm - 150 cm	16-50 µm	%250 - 300%	Jumbo / Machine Film	Very Good
				Hand Film	
POWER STRETCH FILM	10 cm - 150 cm	16-50 µm	%200 - 250%	Jumbo / Machine Film	Good
				Hand Film	
STANDARD STRETCH FILM	10 cm - 150 cm	16-50 µm	%150 - 200%	Jumbo / Machine Film	Fair
				Hand Film	
RIGID POWER	25 cm - 50 cm	7-15 µm	-	Jumbo / Machine Film	Excellent
				Hand Film	
HIGH PERFORMANCE STRETCH FILM	25 cm - 150 cm	7-15 µm	up to 300%	Jumbo / Machine Film	Excellent
				Hand Film	
PRE-STRETCHED FILM	38 cm - 40 cm	5-6-7-8 µm	-	Machine Film	Very Good
				Hand Film	
ORBITAL / SPIRAL STRETCH FILM	10cm - 25 cm	17 - 27 µm	%150 - 300%	Machine Film	Fair / Excellent
RECYCLED CONTENT STRETCH FILM	10 cm - 150 cm	12-50 µm	%150 - 300%	Jumbo / Machine Film	Fair / Excellent
				Hand Film	
BIODEGRADABLE STRETCH FILM	10 cm - 150 cm	16-35 µm	TBC	Jumbo / Machine Film	Fair / Excellent
				Hand Film	

# 1- Conventional Films

## Handfilms



### Papercores

Our papercores come in different weights, lengths and diameters according to your needs. We produce sustainable products with innovative approaches and also develop our products that reduce paper usage. For handfilms, we use lighter but extra strong cores.

Our hand-applied stretch films have many applications both for regular or odd shaped pallets. It is flexible, easy to use, elastic and high resistant. Ideal for storing and transporting pallets in optimal safety conditions.

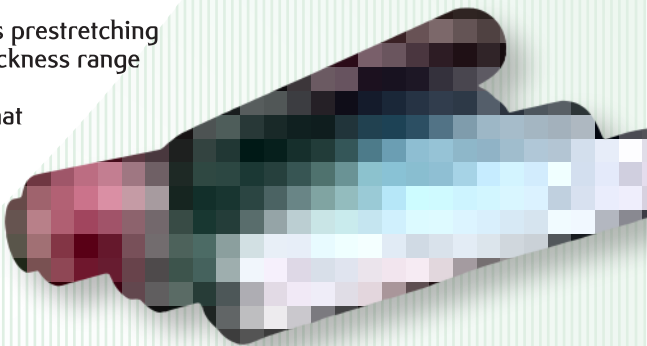
- Available in both Flush or Ext cores
- Good Puncture and Tear Resistance
- Good Load Stabilisation
- Versatility
- Quiet and Fast unwinding
- 100% Recyclable
- Minimum 30% Recycled Content

	Colored	Outside Slippery	UV 6/12 month	Antistatic	Recycled Content	Extra Tacky
HANDROLL FILM	✓	✓	✓	✓	✓	✓

## Machine Stretch Films

We have different types of machine stretch films at various prestretching properties. Available in various colours for increased security. Thickness range from 7 to 50 micron.

To ensure safety of your load, it is important to identify what type of stretch film you really need. Consider the weight, shape, and nature of the loads according to the application before choosing the best matching stretch film, to optimize your load stability to the maximum strength.



### Standard 150% 16-35mic

- Fair Puncture and Tear Resistance
- Fair Load Holding Force
- Versatility
- Quiet and Fast unwinding
- 100% Recyclable
- Minimum 30% recycled content
- Suitable for medium pallet load

### Power 200% 16-35mic

- Good Puncture and Tear Resistance
- Good Load Holding Force
- Versatility
- Quiet and Fast unwinding
- 100% Recyclable
- Minimum 30% Recycled Content
- Suitable for medium to heavy pallet load

### Power Plus 250% 16-35mic

- Up to 300% pre-stretching capability
- Very good Puncture and Tear Resistance
- Very good load Holding Force
- Versatility
- Quiet and Fast unwinding
- 100% Recyclable
- Minimum 30% Recycled Content
- Suitable for heavy pallet load

### Super Power 300% 16-35mic

- Up to 350% pre-stretching capability
- Excellent Puncture and Tear Resistance
- Excellent load holding force
- Versatility
- Quiet and Fast unwinding
- 100% Recyclable
- Minimum 30% Recycled Content
- Suitable for heavy and unstable pallet load
- Suitable for companies with medium and high packaging capacity.
- Compatible with Dual Roller and Orbit wrap power pre-stretching systems

	Colored	Outside Slippery	UV 6/12 month	Antistatic	Recycled Content	Extra Tacky
MACHINE STRETCH FILM	✓	✓	✓	✓	✓	✓

## 2- Premium Series /Elite/High Performance Films

Our Premium Films are ecological, thin gauged technical films with high efficiency and cost saving per meter. Basically these are alternative to traditional high gauged films. We have various alternatives on this range based on your application and nature of your load.

### → Rigid 7-15mic



This is a Quick Lock Out Rigid film, technically manufactured without prestretching ability. Thus it has High Puncture Resistance especially around the corners of the pallet. Minimizes your carbon footprint as you'll be using less film, decreasing transport costs as well as saving shelf space in your warehouse. A great option from an environmental perspective and will help you reduce your packaging costs as well as waste tax. Rigid stretch film offers a significant waste reduction over traditional stretch films, and can replace films of 23mic and higher. Roll's lightweight usage offers occupational safety, decreasing worker fatigue.

Extremely strong, versatile and designed for high performance applications seeking higher tensile strengths, excellent puncture resistance and load retention.

- 55% more film per roll
- High Puncture and Tear Resistance
- Reduced risk of damaging goods while wrapping
- Money saver
- Quick Lock Out
- No Film Necking
- Increased Retention Force

- Reduced stockholding costs
- Improved load stability
- Applied correctly, film won't stretch further in transit
- Quiet and fast unwinding
- Maximising the film capacity
- Less film required

	Colored	Outside Slippery	UV 6/12 month	Antistatic	Recycled Content	Extra Tacky
Rigid 7-15	✓	✓	✓	✓	✓	✓

### → High Performance 7-15mic

It has an excellent film stretching capacity. Reduce your company's packaging costs with our High Performance Stretch Films. The most effective film available on the market.

High Performance Stretch Films are most efficient films on the market for uniform and semi-regular loads in high volume applications. Offering significant cost savings to users by decreasing film consumption up to 30% . Depending on the nature of the load, you can replace your thick films with our High Performance Films and be able to yield more film per roll yet ensuring the same load stability.

- Up to 300% pre-stretching capability
- Available in 7, 8, 9, 10, 11, 12 and 15 Micron
- 20-40% thinner
- Decreased Packaging Costs Per Meter
- Use up to 30% less film
- Less waste



- Excellent Puncture and Tear Resistance
- Excellent Load Holding Force
- Versatility
- Quiet and fast unwinding
- 100% Recyclable
- High-performance at low thickness

	Colored	Outside Slippery	UV 6/12 month	Antistatic	Recycled Content	Extra Tacky
High Performance 7-15	✓	✓	✓	✓	✓	✓

### → Pre-stretched Films 5-6-7-8mic

Film is pre-stretched in the manufacturing process down to 5-6-7-8mic. It is effortless to apply. Decreases amount of film used per pallet thus offering considerable cost savings per unit packed and yields less waste.

- Double folded film on both sides
- No Film Necking (width stays same)
- Economical: more pallets wrapped as there are more meters per roll
- Ecological: less weight therefore less waste
- Ergonomic: effortless to apply



	Colored	Outside Slippery	UV 6/12 month	Antistatic	Recycled Content	Extra Tacky
Pre-stretched Film	✓	✓	✓	✓	✓	✓



### 3- Orbital / Spiral Films

#### → Stretch Film for orbital/spiral wrap machine



Automatic stretch films in width less than 500 mm that can be used on all types of machines, including wrapping machines with horizontal rotating rings. Recommended use for general bundling and bundling long products such as profiles, doors, pipes, rolls of fabric or carpet.

	Colored	Outside Slippery	UV 6/12 month	Antistatic	Recycled Content	Extra Tacky
Stretch Film for orbital Spiral Wrap machine	✓	✓	✓	✓	✓	✓

- Widths starting from 10cm
- Available from 17 up to 27mic
- Quiet and Fast unwinding
- 100% Recyclable
- Minimum 30% Recycled Content
- Outside Slippery to avoid pallets or packages sticking during storage and transport



#### → Mini rolls

This is our tape substitute stretch film. Ideal for securing small boxes or bundling awkward items.

- Widths starting from 10cm
- Flush cores or Extended cores for easy capture
- Very easy to apply
- Quiet and Fast unwinding
- 100% Recyclable
- Minimum 30% Recycled Content
- Clean use: they leave no trace and do not damage the covered surfaces
- Good puncture and tear resistance

	Colored	Outside Slippery	UV 6/12 month	Antistatic	Recycled Content	Extra Tacky
Mini Rolls	✓	✓	✓	✓	✓	✓

# 4- Eco-friendly Stretch Film

Sustainable solutions in the packaging sector are multiplying! We are always on the lookout for new products and innovations to offer you effective products with an eco-responsible approach.

## Recycled Content Films

Recycled Content Films are the next generation of stretch films to contain recycled material. We supply and deliver sustainable solutions and environmentally friendly packaging to our customers across EU and UK. We work hard to select products that are manufactured from 30% recycled content and are 100% recyclable, making them Plastic Tax Compliant, which is better for you, your customers, and the environment.

- Realistic savings in film costs
  - Certified Films by GRS (Global Recycled Standard)
  - Certified Films (by AENOR 15343)
  - Conforming to the latest EU regulations
  - Offers up to 300% pre-stretch capability
  - Performing as well as a regular stretch film
- Very good puncture and tear resistance
  - Very good load holding force
  - Versatility
  - Quiet and Fast unwinding
  - 100% Recyclable

	Colored	Outside Slippery	UV 6/12 month	Antistatic	Recycled Content	Extra Tacky
Recycled Content Films	✓	✓	✓	✓	✓	✓



## Biodegradable Films

This 100% recyclable automatic stretch film offers safe biodegradability within two years from its consumption, in case film accidentally ends up in the environment. The material begins its degradation process in the instant it is exposed to sunlight (UV), mechanical stress or moisture.

- 100% Recyclable
- 100% Biodegradable
- Low environmental impact
- Highly efficient degradation process
- No micro plastics
- New generation of non-Oxo-degradable solution
- Special additives cause the plastic to degrade at a controlled rate
- 100% Biodegradable and Recyclable
- Non-toxic
- Similar characteristics & performance as standard stretch film
- Shelf life before use is controlled by the amount of additive added in the film



	Colored	Outside Slippery	UV 6/12 month	Antistatic	Recycled Content	Extra Tacky
Biodegradable Films	✓	✓	✓	✓		✓

## OUR HISTORY

Kara Holding located in Gaziantep, has taken among Turkey's biggest and most successful companies by targeting industrialization on its journey to the day.

We as Kara Holding, are advancing step by step to succession and always aiming at international standards by harmonizing our production means and adhering to continuous development in all our activities.

By 2000s, having succeeded our name written among Turkey's biggest foundations , Kara Holding's activities spread on a large scale from Textile to Plastic, Hygienic Products to Energy, from Marketing to Education as well as our awareness in our social responsibilities and giving back to society we thrive in.





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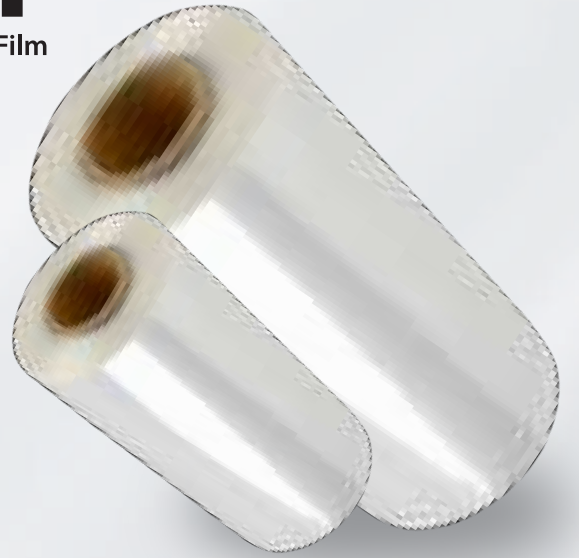
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