



AHLSTROM MUNKSJÖ

Ahlstrom-Munksjö MasterTape™

**HIGH-QUALITY TAPE
BACKINGS AT YOUR
DOORSTEP.**





WHATEVER YOUR NEEDS, HIGH QUALITY TAPES ARE WITHIN YOUR REACH

A unique range of high performance backings for demanding customers

Ahlstrom-Munksjö offers tape manufacturers the widest range of high-performance backings for masking, packaging and specialty tape applications.

Our masking tape portfolio covers all markets for an optimal protection of the most delicate surfaces and a perfectly sharp line when painting. Our packaging tape range is suitable for Pressure Sensitive Adhesive (PSA) and Water Activated Tape (WAT) applications. This includes base papers, saturated and release coated products. We are also the solution provider for specific applications like splicing, bandoliering or medical tapes.

Converting is key

Ahlstrom-Munksjö MasterTape™ tailor-made solutions provide unmatched benefits during production and converting. Together with our customers, we optimize saturation and release coating process efficiencies, increasing the speed, reducing the losses and improving constantly the quality.

Expert service

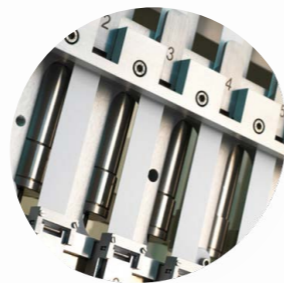


Efficient technical support

Our two R&D centers located in France have unique analytical equipment and pilot lines. We have acquired high quality expertise in paper technologies, fiber refining, surface treatment and converting techniques, polymers, synthetic fibers, and nonwoven technologies. Thanks to our complementary teams and platforms, we have developed strong, reactive and dedicated customer solutions.

Complete testing capacities

Our high-tech expertise is available at any time to support businesses with trouble shooting, benchmark analysis, product development and customer assistance. We've implemented a large range of specific tests to characterize our products and understand their convertibility and finished tape performances.



Tailor-made solutions



Custom made products

We propose custom made solutions when standard products just won't do. At Ahlstrom-Munksjö, you can customize and adjust the specifications to match your processes and requirements for every product (base paper, saturated, saturated and release coated, and more). We offer a complete product portfolio for a full range of market applications.

Vibrant colors available on demand

With more than 100 colors at your disposal you can stand out from the crowd. If you need a special color, we can help as well. Ahlstrom-Munksjö uses L*a*b* values to define your exact color to consistently deliver the exact shade you choose - contact us to learn more.



- Headquarters
- MasterTape™ Manufacturing Platform
- Research & Development Centers

A strong global presence

Formerly based in Pont-Audemer, France and Longkou, China, we strengthened our position in Europe with unique new capabilities for saturation and release coated products, located in Arches, France. With our recent acquisitions, we now have a strong presence in the Americas with our Kaukauna and Mosinee plants in Wisconsin, USA and Caieras plant in Brazil.



Service near customers

With Ahlstrom-Munksjö's manufacturing plants located globally, our services are closer than ever to our customers. This means shorter product delivery times for our 100% original and local high-quality product. We develop strong relationships with our customers thanks to the expertise of our local technical support and sales assistance.



Ahlstrom-Munksjö MasterTape™

**A UNIQUE RANGE OF
HIGH PERFORMANCE
BACKINGS FOR
MASKING, PACKAGING
AND SPECIALTY TAPE
APPLICATIONS**



OUR MASKING TAPE RANGE

Ahlstrom-Munksjö offers tape manufacturers the widest range of high-performance backings for an optimal protection of all surfaces from rough to the most delicate ones, providing perfectly sharp finish lines when painting.



A unique portfolio of masking tape backings

As a major player in the masking tape industry, Ahlstrom-Munksjö understands the many masking tape applications. Our backings fit the different needs you have with cost efficient solutions:

- Improve the tape cohesion to reduce slivering off-roll and off-job
- Allow elongation retention during converting and improve the tape conformability for making curves
- High smoothness to ease the stress on the fingers
- Extra sharp paint lines and temperature resistance for the automotive industry and precise jobs

Our product range

Product	Basis Weight	Stretch %	Application
MasterTape™ Classic	39-60 g/m ² 24-37 lbs/3000ft ²	7-18 %	Masking tapes for everyday jobs
MasterTape™ Flex	45-85 g/m ² 28-52 lbs/3000ft ²	20-100 %	Masking tapes for rough surfaces requiring high conformability
MasterTape™ Perform	50-90 g/m ² 31-55 lbs/3000ft ²	2-10 %	Flat masking tapes for heavy duty masking jobs and industrial applications
MasterTape™ Smartline	35-60 g/m ² 22-37 lbs/3000ft ²	7-14 %	Masking tape for precise paint lines
MasterTape™ X-Line	35-45 g/m ² 22-28 lbs/3000ft ²	3-8 %	Thin and flat Washi masking tape for extra sharp paint lines

Industrial applications for masking tape

BUILDING AND CONSTRUCTION



Paint masking



Fine line & Specialty masking

AUTOMOTIVE



Paint masking (plane, trucks and large surfaces)



Collision repair (w/foam) jamb masking



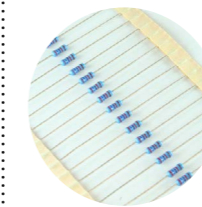
OEM - high temp and fine line paint masking

MEDICAL



Printed tape for autoclave

ELECTRONICS

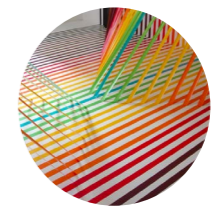


Bandoliering

OTHERS



Splicing tapes



Arts and craft



With our new Ahlstrom-Munksjö MasterTape™ X-Line, we can provide adhesive ready Washi tape backings. The best product for sharp paint lines and the smoothest tape within our range.

Ahlstrom-Munksjö MasterTape™ Classic

Consistent product adapted to your needs with good conformability.

- Crepe paper with good mechanical properties
- Good conformability with up to 18% elongation
- Designed for everyday jobs

Ahlstrom-Munksjö MasterTape™ Classic has customizable parameters to adapt to customer needs.

Our standard crepe base paper is the best backing from general to high-end masking tape application, offering good handling and conformability from 7% up to 18% elongation.

Customization allows process optimization for the tape manufacturers when changing the saturation recipe, latex or adhesive quantity.

We propose multiple colors in our portfolio.

Applications

- General purpose masking tapes
- Bundling and construction masking tape

Ahlstrom-Munksjö MasterTape™ Flex

High elongation products with the best conformability you can get on the market.

- Flexible and conformable, from 20% up to 100% elongation
- Highly creped paper with good mechanical properties
- 100% virgin fiber tape backing

Ahlstrom-Munksjö MasterTape™ Flex is the reference for high elongation products.

Thanks to its high amplitude creping pattern, this backing can be directly coated with adhesive without the need for saturant or release agent. Thus, coupled with a recyclable compatible adhesive, it is the perfect fit for environmentally friendly masking tapes.

White, yellow and brown are the main colors available for this grade.

Applications

- Designed for taping curves and 3-D objects painting jobs
- Heavy duty masking jobs

Ahlstrom-Munksjö MasterTape™ Perform

Flat product for demanding jobs with good saturation performance.

- Designed for heavy duty masking applications
- High saturation efficiency
- Unique high tensile properties and excellent surface for printing

Ahlstrom-Munksjö MasterTape™ Perform is suitable for a wide range of applications.

It is extremely flat, smooth and has unique high tensile and strength properties. When extra conformability is required, it can come with up to 10% elongation.

This backing is designed to facilitate efficient latex saturation to get the best quality products.

We propose multiple colors in our portfolio.

Applications

- Heavy duty jobs
- Splicing tapes
- Bandoliering
- Art & craft jobs

Ahlstrom-Munksjö MasterTape™ Smartline

Smooth and thin backing for sharp details.

- Smooth and thin microcrepe grade for painting sharp details
- Good handling and high conformability up to 14% elongation
- Smoother and thinner than regular masking tapes
- Performs great on delicate surfaces and in making curves

Ahlstrom-Munksjö MasterTape™ Smartline's unique creping pattern makes it smoother and thinner without losing its high tensile and elongation properties.

It performs great on delicate surfaces, in making curves, and makes for an excellent tool for sharp details.

It also has customizable parameters to match your needs.

We propose multiple colors in our portfolio.

Applications

- Masking tape for precise work
- Automotive masking tape

Ahlstrom-Munksjö MasterTape™ X-Line

Washi tape backings for extra sharp details.

- Extra smooth and thin grade for extra sharp paint lines
- Good handling and high conformability up to 8% elongation
- Silky like texture
- High performance reinforced backings

Ahlstrom-Munksjö MasterTape™ X-Line's extra smooth and silky like surface makes the best paint lines, with no bleeding, while having lower basis weight and thickness than traditional masking tapes. It has good conformability with elongation from 3 to 8%.

This grade has customizable parameters to match your needs and comes as base paper with 100% wood fibers or reinforced with synthetic fibers. Thanks to our different assets, it can be saturated or saturated and release coated.

Special vibrant colors are available on request.

Applications

- Masking tape for very precise work
- Automotive masking tape
- Washi tape
- Art & craft jobs





A large range of packaging tape products

Water-Activated Tape backings (WAT)

Our environmentally friendly WAT backings are perfectly fitted for recyclable products. Predominantly lightweight unbleached base papers, they are used as both the bottom and top layer with scrim reinforcement laminated in between. We also manufacture heavier weight papers which don't need any reinforcement.

Pressure Sensitive Adhesive tape backings (PSA)

Dedicated to pressure sensitive tape application, our backings constructions cover multiple needs. We propose a range of saturation base paper with different basis weight and mechanical properties. Thanks to our new capabilities, our papers can be saturated, synthetic fiber reinforced, release coated or coated with different types of primers and barrier coatings.

Our product range

Product	Color	Basis Weight	Stretch %	Application
MasterTape™ MG WAT Laminating Base	Natural / White	32-48 g/m ² 20-30 lbs/3000ft ²	2 %	Printable top layer or bottom coated layer for reinforced WAT
MasterTape™ MF WAT Laminating Base	Natural / White	32-48 g/m ² 20-30 lbs/3000ft ²	2 %	Printable top layer or bottom coated layer for reinforced WAT
MasterTape™ MG WAT Heavyweight	Natural / White	65-100 g/m ² 40-61 lbs/3000ft ²	2 %	Designed for single ply printable water activated tape
MasterTape™ MF WAT Heavyweight	Natural / White	90-170 g/m ² 55-104 lbs/3000ft ²	2 %	Traditional single ply Water Activated Tape
MasterTape™ Pack Base Paper	Natural / White	35-100 g/m ² 22-61 lbs/3000ft ²	2 %	Base paper for pressure sensitive applications, to be saturated
MasterTape™ Pack Saturated	Natural / White	50-100 g/m ² 31-61 lbs/3000ft ²	2-4 %	Saturated product for mid and heavy duty jobs
MasterTape™ Pack Saturated & Release Coated	Natural / White	50-100 g/m ² 31-61 lbs/3000ft ²	2-4 %	Saturated and release coated for tight, medium and easy release
MasterTape™ Pack Saturated & Barrier Coated	Natural / White	50-100 g/m ² 31-61 lbs/3000ft ²	2-4 %	Saturated and barrier coated
MasterTape™ XKL	Natural / White	80-114 g/m ² 49-70 lbs/3000ft ²	5-10 %	Extensible product for demanding packaging jobs

OUR PACKAGING TAPE RANGE

Ahlstrom-Munksjö provides tape manufacturers with a large variety of backings to pack goods in a more secure and sustainable way.

Applications for packaging tape

PACKAGING



E-commerce Water Activated Tape (WAT)



Carton sealing Pressure Sensitive Adhesive tape (PSA)





Through extensive product development and unique new assets, Ahlstrom-Munksjö makes a big move forward in the value chain with the capability to perform saturation and coat the release treatment of our packaging tape backings. With our three different levels of release available: tight, medium and easy, converting has never been easier for our customers. Efficiency, money savings, shorten supply chain and improved global carbon footprint are the best reasons to choose our new MasterTape™ Pack for your packaging application.

Ahlstrom-Munksjö MasterTape™ WAT

WAT stands for Water-Activated Tapes, also called Gummed Tapes.

- High tensile strength to weight ratios
- Superior print quality
- Controlled consistent dimensional stability
- Tamper proof compatible

Ahlstrom-Munksjö MasterTape™ Water Activated Tapes reduce theft, improve productivity in packaging areas, brand image and overall worker safety due to reduction in fatigue and injury.

Base paper properties are fine-tuned to maximize finished tape characteristics and converting state performance (printing, laminating, gumming...).

We have lightweight Machine Glazed (MG) capabilities on multiple assets and the broadest product portfolio of Machine Glazed (MG) and Machine Finished (MF) products using truly natural fibers.

Applications

- Water-Activated Tapes (Single ply or reinforced)
- Carton sealing tape
- E-commerce

Ahlstrom-Munksjö MasterTape™ Pack

Perfect fit for pressure sensitive packaging tape applications.

- High internal cohesion and mechanical properties
- Water resistant backings
- Sustainable alternative to plastic packaging tapes
- Ready-to-coat construction available for adhesive coaters

Ahlstrom-Munksjö MasterTape™ Pack comes as a base paper, saturated and/or release coated product.

We propose different levels of release and other coatings to match your specific needs (barrier, primers...).

Our flexible assets and knowledgeable product development group enable us to develop innovative designs and constructions that will make you stand out from competition.

Applications

- Pressure sensitive packaging tape
- Industrial closure tapes
- E-commerce

Ahlstrom-Munksjö MasterTape™ XKL

A specialty extensible backing for applications where extra toughness is required.

- Suitable for pressure sensitive packaging tape applications
- High tensile strength to weight ratios
- Elongation up to 10% when extra toughness is required
- Controlled consistent dimensional stability

Ahlstrom-Munksjö MasterTape™ XKL Kraft papers provide maximum strength and stretch properties for the most demanding converting and end-use applications.

Used in a variety of markets and applications, this product is a tough and lightweight sheet capable of withstanding great impact. It can be provided ready to apply coatings or as a base product ready for specialty saturation.

Applications

- Pressure sensitive packaging tape
- Carton sealing tape

With our new Ahlstrom-Munksjö MasterTape™ Pack, pack your goods in a more environmentally friendly way.



Our approach to sustainability is based on minimizing the environmental impacts of our operations and products. We use the principles of «Green Chemistry», Eco-Design and life cycle assessments in our product development, so we can determine the impacts our products and processes have on the environment and reduce them. We're sourcing our wood fiber from sustainably-managed forests, which means their regenerative capacity and biological diversity is maintained. Our lean manufacturing initiative means that we will be minimizing our use of resources and our generation of waste. We're continuously aiming at reducing all our emissions - to air, water and soil, which makes a real and lasting contribution towards a more sustainable future.

THE WAY TOWARDS A SUSTAINABLE FUTURE

The value chain

From base paper to saturated and release coated products, Ahlstrom-Munksjö is your preferred partner.

	Pulp	Paper	Saturation	Release & Barrier Coating	Adhesive & Slitting
Product	MASKING TAPE				
MasterTape™ Classic	●	●			
MasterTape™ Flex	●	●			
MasterTape™ Perform	●	●	●	●	
MasterTape™ Smartline		●			
MasterTape™ X-Line		●	●	●	
Product	PACKAGING TAPE				
MasterTape™ WAT	●	●			
MasterTape™ Pack	●	●	●	●	
MasterTape™ XKL	●	●			

● Available for natural color grades only

Talking about tape

Consumers want products to be more environmentally sensitive but do not expect to change their habits in order to achieve it. They expect companies like ours to come up with new alternatives, and that's exactly what we're doing. For the tape industry, we're developing more products using our own unbleached fibers as well as post-industrial and/or post-consumer material to enhance our environmental footprint. Our latest moves forward regarding saturation and release coating developments enable us now to shorten the global supply chain of the backing while providing high process efficiency.

FSC™ Certification

We source our wood fiber from sustainably-managed forests, which means that their regenerative capacity and biological diversity is maintained.

Forestry certification is a mechanism using independent third party assurance that the forest in question is managed according to internationally-recognized sustainability criteria.

The Forest Stewardship Council™ (FSC™) is one of the major international players for forest certification. All of Ahlstrom-Munksjö's pulp mills and pulp suppliers are certified according to FSC™.



The mark of responsible forestry

FSC™ Certified
FSC™ Controlled Wood

Here at Ahlstrom-Munksjö, we are committed to building a more sustainable future and minimizing the environmental impact of our operations and products.



