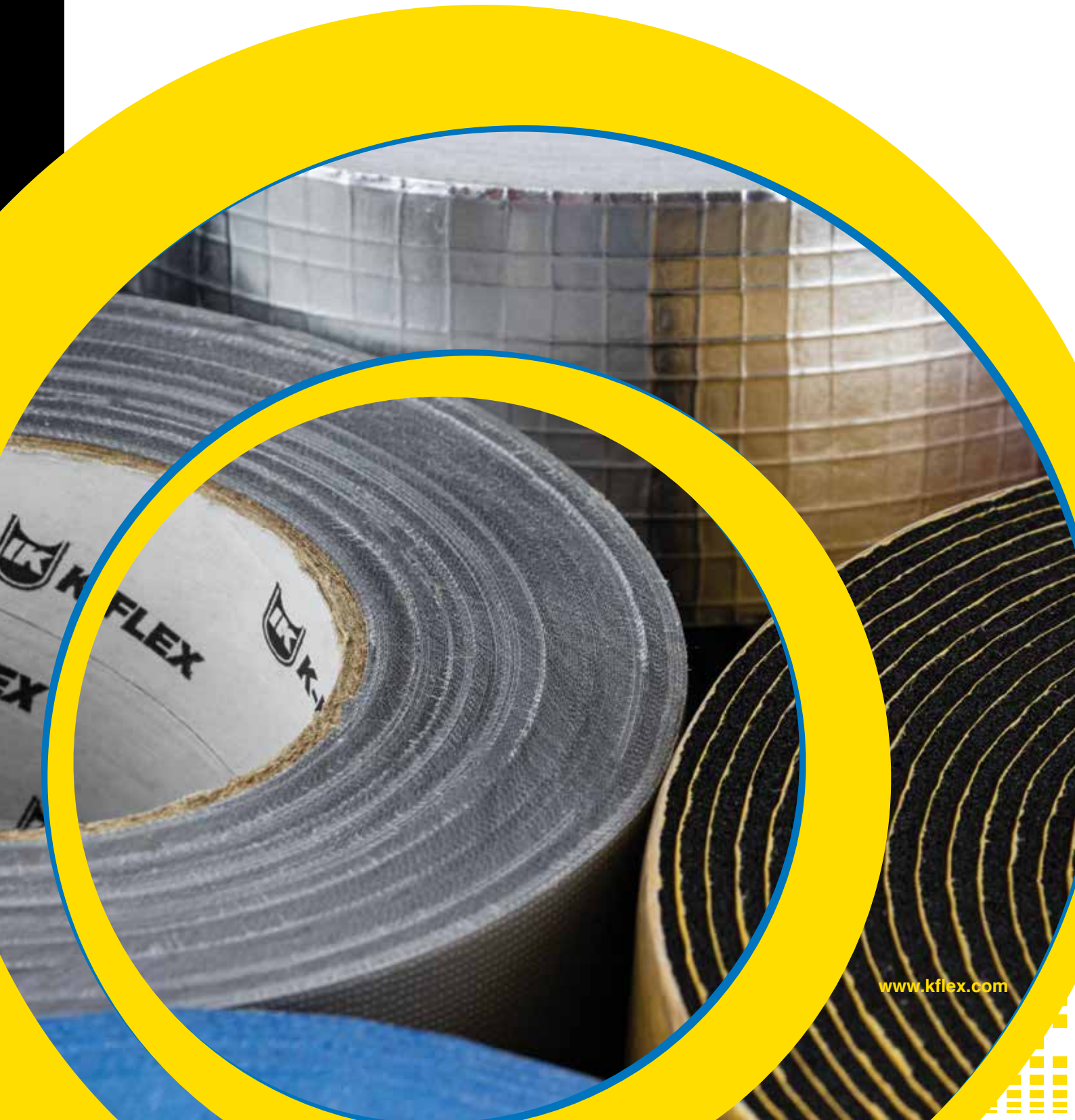


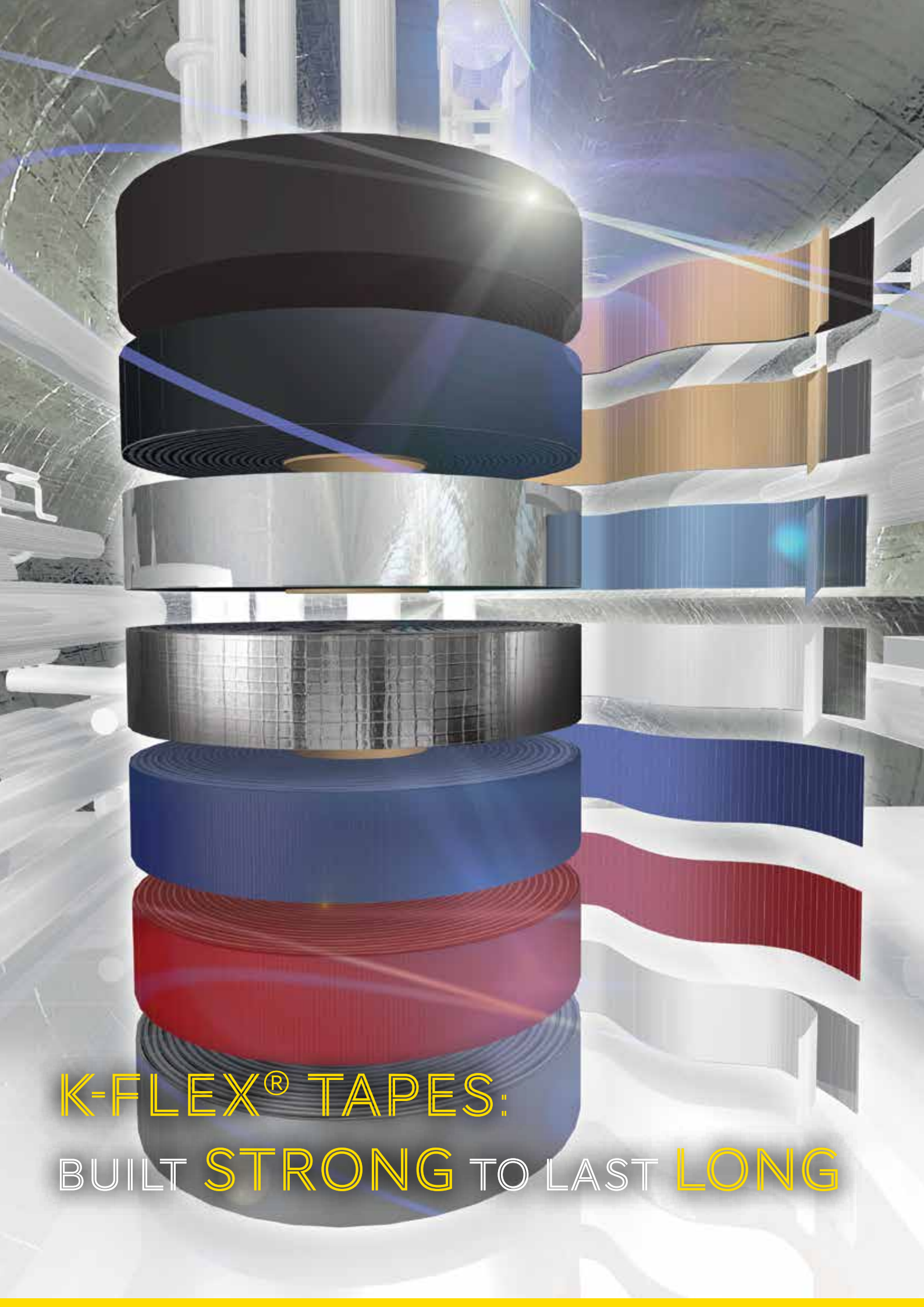


EDITION 2025

K-FLEX[®] TAPES

FOR HVAC AND INDUSTRIAL APPLICATION





K-FLEX[®] TAPES:

BUILT STRONG TO LAST LONG

GENERAL INTRODUCTION

For HVAC and industrial applications, adhesive tapes play a vital role in ensuring the safety, efficiency and longevity of equipment and systems.

One of the main advantages of K-FLEX® adhesive tapes is their ability to ensure lasting adhesion.

Unlike traditional mechanical fixings, K-FLEX® adhesive tapes can be applied quickly and easily, without the need for drilling or welding, saving time and money in the long run.

Overall, the use of K-FLEX® adhesive tapes in HVAC and industrial applications has become increasingly popular due to their reliability, durability and versatility.



K-FLEX®

ALU AA CW TAPE

Aluminum Foil Tape

High tensile strength aluminum foil, combined with cold weather water based solvent acrylic adhesive, protected by an easy-release silicone release paper or silicone coated polyethylene liner. Cold Weather version (low temperatures).



MEASUREMENTS

Thicknesses: 25 - 30 - 40 - 50 Micron
 Length: 50 m
 Widths: 50 - 75 - 100 mm

FEATURES

- ▶ Aluminum foil provides excellent reflection of both heat and light.
- ▶ High quality adhesive with strong adhesion offers a permanent seal and bond on Foil-Scrim-Kraft Facing joints and seams in HVAC ductwork applications.
- ▶ Good resistance to aging, both indoors and outdoors.
- ▶ Low moisture vapor transmission rate offers excellent performance.

APPLICATIONS

HVAC industry for joining and sealing Foil-Scrim-Kraft Facing laminated ductwrap / duct board joints and seams; joining and sealing flexible air duct seams and connections. General purpose holding, patching, sealing and masking applications – indoors and outdoors.

STORAGE & SHELF LIFE

12 months when stored at 21°C (70°F) / 50% relative humidity out of direct sunlight.

SURFACE PREPARATION

It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied must be clean, dry, free of grease, oil or other contaminants.

PRODUCT USE

It is essential that the user evaluate the products to determine whether it is fit for a particular purpose and user’s method of application. Good results will be obtained when applied to a clean, dry surface with a suitable pressure on products between +10 ~ +40°C (+50 ~ +105 °F).

K-FLEX® ALU AA CW TAPE ▶ TECHNICAL DATA					
▼ Property ▼	K-FLEX® ALU ▼ AA 130 CW ▼	K-FLEX® ALU ▼ AA 130 PLUS CW ▼	K-FLEX® ALU ▼ AA 140 CW ▼	K-FLEX® ALU ▼ AA 150 CW ▼	▼ Test method ▼
ALU backing thickness	25 Micron	30 Micron	40 Micron	50 Micron	PSTC-133 / ASTM D 3652
Total thickness (with PE liner)	87 Micron	92 Micron	102 Micron	112 Micron	PSTC-133 / ASTM D 3652
Adhesion to steel	20 N/25mm	20 N/25mm	20 N/25mm	20 N/25mm	PSTC-101 / ASTM D 3330
Rolling ball tack test	5 cm	5 cm	5 cm	5 cm	PSTC-6 / ASTM D 3121
Tensile strength	40 N/25mm	45 N/25mm	55 N/25mm	75 N/25mm	PSTC-131 / ASTM D 3759
Elongation to break	3.0 %	3.0 %	3.0 %	3.0 %	PSTC-131 / ASTM D 3759
Service temperature	-35 ~ +120°C	-35 ~ +120°C	-35 ~ +120°C	-35 ~ +120°C	

The physical properties of the products shown above are obtained from test methods defined by Technical Standards Authorities, Quality Assurance and Technical Service Departments and do not represent a guarantee of product performance. Individual tapes may vary from these parameters and in all applications the end user should determine whether the product is fit for a particular purpose and is suitable for the user’s method of application before use.

K-FLEX® reserves the right to change data and technical requirements without notice.

K-FLEX®

ALU HA CW TAPE

Aluminum Foil Tape

High tensile strength aluminum foil, combined with cold weather water based solvent acrylic adhesive, protected by an easy-release silicone release paper or silicone coated polyethylene liner. Cold Weather version (low temperatures).



MEASUREMENTS

Thicknesses: 25 - 30 - 40 - 50 Micron
 Length: 50 m
 Widths: 50 - 75 - 100 mm

FEATURES

- ▶ Aluminum foil provides excellent reflection of both heat and light.
- ▶ High quality adhesive with strong adhesion offers a permanent seal and bond on Foil-Scrim-Kraft Facing joints and seams in HVAC ductwork applications.
- ▶ Good resistance to aging, both indoors and outdoors.
- ▶ Low moisture vapor transmission rate offers excellent performance.

APPLICATIONS

HVAC industry for joining and sealing Foil-Scrim-Kraft Facing laminated ductwrap / duct board joints and seams; joining and sealing flexible air duct seams and connections. General purpose holding, patching, sealing and masking applications – indoors and outdoors.

STORAGE & SHELF LIFE

12 months when stored at 21°C (70°F) / 50% relative humidity out of direct sunlight.

SURFACE PREPARATION

It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied must be clean, dry, free of grease, oil or other contaminants.

PRODUCT USE

It is essential that the user evaluate the products to determine whether it is fit for a particular purpose and user's method of application. Good results will be obtained when applied to a clean, dry surface with a suitable pressure on products between +10 ~ +40°C (+50 ~ +105 °F).

K-FLEX® ALU HA CW TAPE ▶ TECHNICAL DATA					
Property	K-FLEX® ALU HA 130 CW	K-FLEX® ALU HA 130 PLUS CW	K-FLEX® ALU HA 140 CW	K-FLEX® ALU HA 150 CW	Test method
ALU backing thickness	25 Micron	30 Micron	40 Micron	50 Micron	PSTC-133 / ASTM D 3652
Total thickness (with PE liner)	87 Micron	92 Micron	102 Micron	112 Micron	PSTC-133 / ASTM D 3652
Adhesion to steel	25 N/25mm	25 N/25mm	25 N/25mm	25 N/25mm	PSTC-101 / ASTM D 3330
Rolling ball tack test	5 cm	5 cm	5 cm	5 cm	PSTC-6 / ASTM D 3121
Tensile strength	40 N/25mm	45 N/25mm	55 N/25mm	75 N/25mm	PSTC-131 / ASTM D 3759
Elongation to break	3.0 %	3.0 %	3.0 %	3.0 %	PSTC-131 / ASTM D 3759
Service temperature	-35 ~ +120°C	-35 ~ +120°C	-35 ~ +120°C	-35 ~ +120°C	

The physical properties of the products shown above are obtained from test methods defined by Technical Standards Authorities, Quality Assurance and Technical Service Departments and do not represent a guarantee of product performance. Individual tapes may vary from these parameters and in all applications the end user should determine whether the product is fit for a particular purpose and is suitable for the user's method of application before use.

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K-FLEX®

ALU AR CW TAPE

Foil-Scrim Tape

Foil-Scrim backing, combined with cold weather water based solvent acrylic adhesive, protected by an easy-release silicone release paper. Cold Weather version (low temperatures).

MEASUREMENTS

Thicknesses: 18 - 25 - 30 - 40 - 50 Micron
 Length: 50 m
 Widths: 50 - 75 - 100 mm

FEATURES

- ▶ Foil-Scrim provides excellent reflection of both heat and light.
- ▶ High quality adhesive with strong adhesion and holding power offers reliable and durable Foil-Scrim Facing for joints and seams sealing in HVAC and ductwork applications.
- ▶ Low moisture vapor transmission rate makes K-FLEX® ALU AR tapes an excellent vapor barrier.
- ▶ Service Temperature range from -35 °C ~ +120 °C.

APPLICATIONS

HVAC industry for joining and sealing Foil-Scrim Facing laminated blankets / duct board / pipe section joints and seams; joining and sealing flexible air duct seams and connections. May also be used for other industrial uses requiring a tape with these characteristics and benefits.

STORAGE & SHELF LIFE

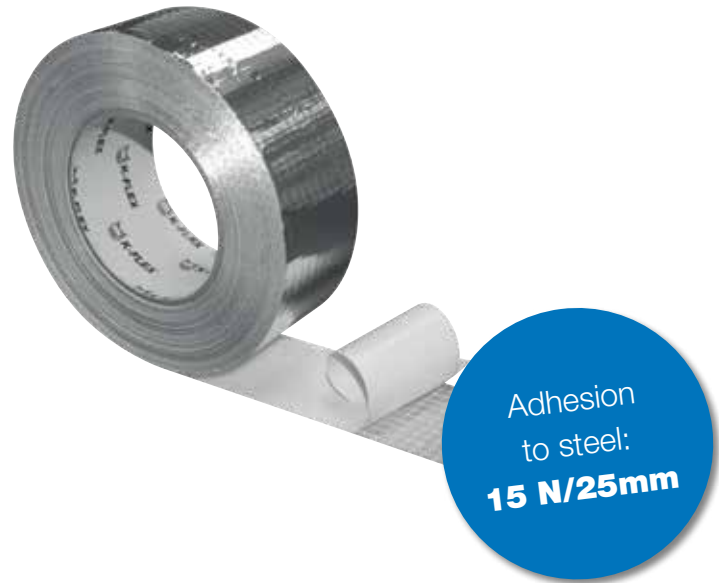
12 months when stored at 21 °C (70 °F) / 50% relative humidity out of direct sunlight

SURFACE PREPARATION

It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied must be clean, dry, free of grease, oil or other contaminants.

PRODUCT USE

It is essential that the user evaluate the products to determine whether it is fit for a particular purpose and user's method of application. Good results will be obtained when applied to a clean, dry surface with a suitable pressure on products between +10 ~ +40°C (+50 ~ +105 °F).



K-FLEX® ALU AR CW TAPE ▶ TECHNICAL DATA						
Property	K-FLEX® ALU AR 106 CW TAPE	K-FLEX® ALU AR 107 CW TAPE	K-FLEX® ALU AR 107 PLUS CW TAPE	K-FLEX® ALU AR 108 CW TAPE	K-FLEX® ALU AR 108 PLUS CW TAPE	Test method
ALU backing thickness	18 Micron	25 Micron	30 Micron	40 Micron	50 Micron	PSTC-133 / ASTM D 3652
Adhesion to steel	15 N/25mm	15 N/25mm	15 N/25mm	15 N/25mm	15 N/25mm	PSTC-101 / ASTM D 3330
Rolling ball tack test	5 cm	5 cm	5 cm	5 cm	5 cm	PSTC-6 / ASTM D 3121
Tensile strength	100 N/25mm	100 N/25mm	100 N/25mm	120 N/25mm	120 N/25mm	PSTC-131 / ASTM D 3759
Elongation to break	3.0%	3.0%	3.0%	3.0%	3.0%	PSTC-131 / ASTM D 3759
Service temperature	-35 ~ +120°C	-35 ~ +120°C	-35 ~ +120°C	-35 ~ +120°C	-35 ~ +120°C	

The physical properties of the products shown above are obtained from test methods defined by Technical Standards Authorities, Quality Assurance and Technical Service Departments and do not represent a guarantee of product performance. Individual tapes may vary from these parameters and in all applications the end user should determine whether the product is fit for a particular purpose and is suitable for the user's method of application before use.

K-FLEX® reserves the right to change data and technical requirements without notice.

K-FLEX®

ALU HAR CW TAPE

Foil-Scrim Tape

Foil-Scrim backing, combined with cold weather water based solvent acrylic adhesive, protected by an easy-release silicone release paper. Cold Weather version (low temperatures).



MEASUREMENTS

Thicknesses: 18 - 25 - 30 - 40 - 50 Micron
 Length: 50 m
 Widths: 50 - 75 - 100 mm

FEATURES

- ▶ Foil-Scrim provides excellent reflection of both heat and light.
- ▶ High quality adhesive with strong adhesion and holding power offers reliable and durable Foil-Scrim Facing for joints and seams sealing in HVAC and ductwork applications.
- ▶ Low moisture vapor transmission rate makes K-FLEX® ALU HAR tapes an excellent vapor barrier.
- ▶ Service Temperature range from -35 °C ~ +120 °C.

APPLICATIONS

HVAC industry for joining and sealing Foil-Scrim Facing laminated blankets / duct board / pipe section joints and seams; joining and sealing flexible air duct seams and connections. May also be used for other industrial uses requiring a tape with these characteristics and benefits.

STORAGE & SHELF LIFE

12 months when stored at 21 °C (70 °F) / 50% relative humidity out of direct sunlight

SURFACE PREPARATION

It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied must be clean, dry, free of grease, oil or other contaminants.

PRODUCT USE

It is essential that the user evaluate the products to determine whether it is fit for a particular purpose and user's method of application. Good results will be obtained when applied to a clean, dry surface with a suitable pressure on products between +10 ~ +40°C (+50 ~ +105 °F).

K-FLEX® ALU HAR CW TAPE ▶ TECHNICAL DATA						
Property	K-FLEX® ALU HAR 106 CW TAPE	K-FLEX® ALU HAR 107 CW TAPE	K-FLEX® ALU HAR 107 PLUS CW TAPE	K-FLEX® ALU HAR 108 CW TAPE	K-FLEX® ALU HAR 108 PLUS CW TAPE	Test method
ALU backing thickness	18 Micron	25 Micron	30 Micron	40 Micron	50 Micron	PSTC-133 / ASTM D 3652
Adhesion to steel	17,5 N/25mm	17,5 N/25mm	17,5 N/25mm	17,5 N/25mm	17,5 N/25mm	PSTC-101 / ASTM D 3330
Rolling ball tack test	5 cm	5 cm	5 cm	5 cm	5 cm	PSTC-6 / ASTM D 3121
Tensile strength	100 N/25mm	100 N/25mm	100 N/25mm	120 N/25mm	120 N/25mm	PSTC-131 / ASTM D 3759
Elongation to break	3.0%	3.0%	3.0%	3.0%	3.0%	PSTC-131 / ASTM D 3759
Service temperature	-35 ~ +120°C	-35 ~ +120°C	-35 ~ +120°C	-35 ~ +120°C	-35 ~ +120°C	

The physical properties of the products shown above are obtained from test methods defined by Technical Standards Authorities, Quality Assurance and Technical Service Departments and do not represent a guarantee of product performance. Individual tapes may vary from these parameters and in all applications the end user should determine whether the product is fit for a particular purpose and is suitable for the user's method of application before use.

K-FLEX® reserves the right to change data and technical requirements without notice.

K-FLEX®

ALU BLACK CW TAPE

Coloured Aluminum Foil Tape

Black or white lacquered 30 micron (1.2 mil) aluminum foil, combined with cold weather solvent acrylic adhesive, protected by an easy-release silicone release paper or silicone coated blue polyethylene liner. Cold Weather version (low temperatures).



MEASUREMENTS

Thickness: 30 Micron
 Length: 50 m
 Width: 50 mm

FEATURES

- ▶ Lacquered aluminum foil.
- ▶ Good aging resistance, both indoors and outdoors.
- ▶ Low moisture vapor transmission rate offers excellent sealing and patching performance.

APPLICATIONS

HVAC industry for joining and sealing black lacquered Foil-Scrim-Kraft Facing laminated ductwrap / duct board / pipe insulation's joints and seams. May also be used for other industrial uses requiring a tape with these characteristics and benefits.

STORAGE & SHELF LIFE

12 months when stored at 21°C (70°F) / 50% relative humidity out of direct sunlight.

SURFACE PREPARATION

It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied must be clean, dry, free of grease, oil or other contaminants.

PRODUCT USE

It is essential that the user evaluate the products to determine whether it is fit for a particular purpose and user's method of application. Good results will be obtained when applied to a clean, dry surface with a suitable pressure on products between +10 ~ +40°C (+50 ~ +105 °F).

K-FLEX® ALU BLACK CW TAPE ▶ TECHNICAL DATA

Property	Value	Test method
ALU backing thickness	30 Microns	PSTC-133 / ASTM D 3652
Total thickness	70 Microns	PSTC-133 / ASTM D 3652
Adhesion to steel	15 N/25mm	PSTC-101 / ASTM D 3330
Rolling ball tack test	5 cm	PSTC-6 / ASTM D 3121
Tensile strength	45 N/25mm	PSTC-131 / ASTM D 3759
Elongation to break	3.0 %	PSTC-131 / ASTM D 3759
Service temperature	-35 ~ +120°C	

The physical properties of the products shown above are obtained from test methods defined by Technical Standards Authorities, Quality Assurance and Technical Service Departments and do not represent a guarantee of product performance. Individual tapes may vary from these parameters and in all applications the end user should determine whether the product is fit for a particular purpose and is suitable for the user's method of application before use. Available also in ALU WHITE version.

K-FLEX® reserves the right to change data and technical requirements without notice.

K-FLEX®

DUCT TAPE



High Quality PE Duct Tape, adopts high grade fabric cloth with color polyethylene covering, coats improved synthetic rubberresin adhesive coated. It enjoys fast stick, straight and smooth tear, good tensile strength, excellent moisture resistant. It conforms well to irregular surface. It is a good choice for bundling, heavy carton packing, general maintenance, pipe wrapping, carpet fixing, air-conditioning duct's seam and joint sealing etc.

MEASUREMENTS

Thicknesses: 160 - 180 - 229 - 280 Micron

Length: 50 m

Widths: 50 - 75 - 100 mm

STORAGE & SHELF LIFE

12 months when stored at 21°C (70°F) / 50% relative humidity out of direct sunlight.

PRODUCT USE

It is essential that the user evaluate the products to determine whether it is fit for a particular purpose and user's method of application. Good results will be obtained when applied to a clean, dry surface with a suitable pressure on products between +10 ~ +40°C (+50 ~ +105 °F).

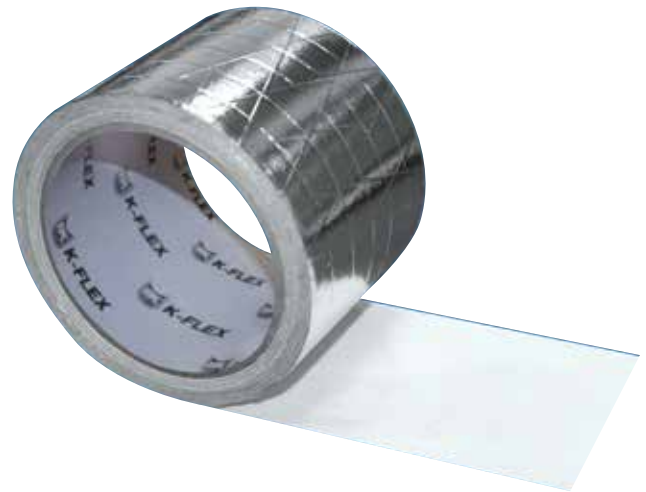
K-FLEX® DUCT TAPE ► TECHNICAL DATA

▼ Property ▼	▼ K-FLEX® DUCT TAPE ▼	▼ K-FLEX® DT-UNIVERSAL ▼	▼ K-FLEX® DT-STRONG ▼	▼ K-FLEX® DT-EXTREME ▼
Mesh	50	50	50	50
Colour	Grey, Blue, Red, Black, White	Grey, Blue, Red, Black, White	Grey, Blue, Red, Black, White	Grey, Blue, Red, Black, White
Thickness	160 Microns	180 Microns	229 Microns	280 Microns
Adhesion	18 N/25mm	20 N/25mm	20 N/25mm	25 N/25mm
Tensile	75 N/25mm	80 N/25mm	90 N/25mm	100 N/25mm
Elongation to break	12 %	12 %	12 %	12 %
Service temperature	-20 ~ +60°C	-20 ~ +60°C	-20 ~ +60°C	-20 ~ +60°C

The physical properties of the products shown above are obtained from test methods defined by Technical Standards Authorities, Quality Assurance and Technical Service Departments and do not represent a guarantee of product performance. Individual tapes may vary from these parameters and in all applications the end user should determine whether the product is fit for a particular purpose and is suitable for the user's method of application before use.

K-FLEX® reserves the right to change data and technical requirements without notice.

K-FLEX® FSKT TAPE



3-way Foil-Scrim-Kraft backing, combined with aggressive cold weather solvent acrylic adhesive, protected by an easy-release silicone release paper.

MEASUREMENTS

Thickness: 122 Micron (4,8")
 Width: 76,2 - 101,6 mm (3" . 4")
 Length: 45,7 m (150 ft)

FEATURES

- ▶ 3-way Foil-Scrim-Kraft provides excellent reflection of both heat and light.
- ▶ Cold weather adhesive with strong adhesion offers good sealing and bonding on Foil-Scrim-Kraft Facing joints and seams in HVAC ductwork applications.
- ▶ Good aging resistance, both indoors and outdoors.
- ▶ Low moisture vapor transmission rate offers excellent sealing and patching performance.

APPLICATIONS

HVAC industry for joining and sealing Foil-Scrim-Kraft Facing laminated fiberglass blanket / duct board joints and seams; joining and sealing flexible air duct seams and connections. May also be used for other industrial uses requiring a tape with these characteristics and benefits.

STORAGE & SHELF LIFE

12 months when stored at 21 °C (70 °F) / 50% relative humidity out of direct sunlight.

SURFACE PREPARATION

It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied must be clean, dry, free of grease, oil or other contaminants.

PRODUCT USE

It is essential that the user evaluate the products to determine whether it is fit for a particular purpose and user's method of application. Good results will be obtained when applied to a clean, dry surface with a suitable pressure on products between +10 ~ +40 °C (+50 ~ +105 °F).

K-FLEX® FSKT FACING TAPE ▶ TECHNICAL DATA		
▼ Property ▼	▼ Value ▼	▼ Test method ▼
ALU backing thickness	122 Micron	PSTC-133 / ASTM D 3652
Total Thickness	173 Micron	PSTC-133 / ASTM D 3652
Adhesion to Steel	16 N/25mm	PSTC-101 / ASTM D 3330
Rolling ball tack test	15 cm	PSTC-6 / ASTM D 3121
Tensile Strength	120 N/25mm	PSTC-131 / ASTM D 3759
Elongation	2.0 %	PSTC-131 / ASTM D 3759
Service Temperature	-30 ~ +120°C	

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K-FLEX® reserves the right to change data and technical requirements without notice.

K-FLEX® BITUMINOUS CONGLOMERATE TAPE



This product was formulated to provide insulation and to prevent condensation on pipes, fittings, and tubings used in heating, air conditioning, refrigeration, and plumbing.

MEASUREMENTS

Thickness: 3 mm
 Lengths: 9 - 15 m
 Height: 50 mm

COMPOSITION

This product is a polymer-based material containing butyl rubber, asphalt, and granulated cork (55% by volume). It contains no fibers.

DETAILS

This product adheres to most clean, dry surfaces and to itself, making it possible to apply more than one layer without adding fasteners or adhesives. It is sufficiently soft and pliable to be molded around most fittings and connections. The material retains its flexibility and adhesion after prolonged exposure to UV and over a service temperature range of – 20 °F to 190 °F (-29 °C to 88 °C). It is black in colour and has a grainy, rubber-like consistency.

STORAGE & SHELF LIFE

Indefinite if stored under normal warehouse conditions.

K-FLEX® BITUMINOUS CONGLOMERATE TAPE ▶ TECHNICAL DATA		
Property ▼	Value ▼	Test method ▼
Composition	Select grades of ground virgin cork and synthetic elastomeric materials.	
Colour	Black	ASTM D1729
Odour	Imparts no odor, can be used without danger of contamination.	
Service Temperature	from -30°C to +100°C	
% Solids	>99% by weight	ASTM C771
Specific Weight	0.99 ± 0.05 g/cm ³	ASTM D297
Tensile Yield	2,688 bar	ASTM C907
Elongation to break	>2 inches	TP-019

K-FLEX® reserves the right to change data and technical requirements without notice.

K-FLEX® PVC 070 SELF-ADHESIVE TAPE



A thin premium grade plasticized PVC film coated with an aggressive rubber based adhesive with good characteristics. It is highly conformable and unaffected by most chemicals and moisture. Meet ROHS, REACH requirement. It does not contain substances harmful to human body, such as lead and cadmium.

MEASUREMENTS

Length: 25 m

Heights: 25 - 38 - 50 mm

APPLICATIONS

- ▶ Electric insulation below 600V
- ▶ Insulating wrapping of electric wires and cables
- ▶ Marking of electric wires and cables
- ▶ Can be used indoor and outdoor

K-FLEX® PVC 070 SELF-ADHESIVE TAPE ▶ TECHNICAL DATA

▼ Property ▼	▼ Value ▼	▼ Test method ▼
Total thickness	0.10 mm	ASTM-D-1000
Tensile strength	20 N/cm	ASTM-D-1000
Elongation to break	200%	ASTM-D-1000
Adhesion Strength: to steel	1,5 N/cm	ASTM-D-1000
to backing	1,5 N/cm	ASTM-D-1000
Voltage resistance	600 V	UL510
Temperature resistance	80°C	ASTM-D-1000
Flame resistance	<2 s	ASTM-D-1000
Content of Heavy Metal:		
Lead, Cadmium	<30 ppm	US EPA3052
Mercury, Chromium	<10 ppm	US EPA3060A
Polybrominated biphenyl	<10 ppm	US EPA3540C

K-FLEX® reserves the right to change data and technical requirements without notice.

K-FLEX® BUTYL TAPE

K-FLEX® Butyl Tape is a self-adhesive sealing tape consisting of a high-performance butyl rubber adhesive compound, protected by a reinforced aluminium film. K-FLEX® Butyl Tape is highly adhesive, even at low temperatures, to all common building materials. K-FLEX® Butyl Tape is highly resistant to ageing and UV-rays. K-FLEX® Butyl Tape is available in various sizes for multipurpose applications.



MEASUREMENTS

Length: 10 m
Heights: 50 - 100 mm

FEATURES

- ▶ Tear-resistant
- ▶ Cold applied
- ▶ Waterproof and self-sealing
- ▶ Excellent heat stability
- ▶ Resistant to ageing and to UV-rays
- ▶ No oil migration
- ▶ Solvent-free
- ▶ Excellent adhesion at low temperatures

APPLICATIONS

Choose the most suitable width and metal finish of the sealing tape. Unroll the tape until the desired length is reached. Start removing the release liner that covers the adhesive part of the tape and position the sealing tape. Carry out a rollpressing to avoid entrapment of air bubbles. When connecting two tapes, use an overlap of at least 5 cm. Press with a roller or a cloth pad.

STORAGE & SHELF LIFE

The quality and the characteristics of the materials remain unaltered for a long period of time. However, it is recommended to use the product within 12 months from production date. The product must be stored in the original and unopened packaging in a dry and well ventilated place at a temperature between + 5 °C and + 40 °C. Storage above 50 °C may lead to difficulties in removing the release liner when applying. The product is not affected by frost.

SURFACE PREPARATION

The sealing tape must be applied to a clean, dry, smooth and dust-free surface. For an application between 0 °C and 5 °C, ensure that frost or condensation are absent on the surface. In case of porous supports it's advisable to stabilize the surface. No special tools are required to install this sealing tape.

PRODUCT USE

Sealing and joining materials such as glass, steel, Plexiglas, polycarbonate, wood, aluminium, PVC. K-FLEX® Butyl Tape can be used for the sealing of doors and windows frames, conservatories, gutters, piping and ducting. K-FLEX® Butyl Tape can also be applied in construction on canopies, roofs, chimneys and skylights.

K-FLEX® BUTYL TAPE ▶ TECHNICAL DATA

Property	Value	Test method
Film Type / Colour	Aluminium - PET	
Compound Type / Colour	Butyl Rubber Adhesive / Grey	
Standard Thicknesses	0.8 mm	
Tensile strength	Long. 185 N / 50 mm Tras. 200 N / 50 mm	EN 12311-1
Elongation to break	Long. 10 % Tras. 20 %	EN 12311-1
Solids	100%	
180° Peel Adhesion	20 N/cm	ASTM D 1000
Probe Tack	8.0 N	ASTM D 2979
Vertical Flow	0 mm	ISO 7390
Application Temperature Range	0°C / + 40°C	
Service Temperature Range	- 30°C / + 90°C	
Test Reports	Fire classification: E Factor of Resistance to the Diffusion of the Water Vapour: $\mu = 2.720.000$ Total Volatile Organic Compound emissions (TVOC): 30 $\mu\text{g}/\text{m}^3$	EN 13501-1 UNI EN 1931 ISO 16000-6

The manufacturer disclaims all liability for product use and applications. Butyl sealants are plastic products. They possess no elastic recovery. Do not use for permanent fixing or in load bearing applications instead of an adhesive or a mechanical fixing. Butyl adhesive are sensitive to solvents. It is advisable to check the chemical compatibility of the butyl adhesive with the substrate adhesives.

K-FLEX® reserves the right to change data and technical requirements without notice.

K-FLEX® GUTTAGENA PVC BAND



Twice the thickness compared to the previous range, it is ideal for finishing PVC sheet insulation coverings (eg. K-FLEX® PACK RS 590). The GUTTAGENA band is available in one colour, light grey, and is matt finished.

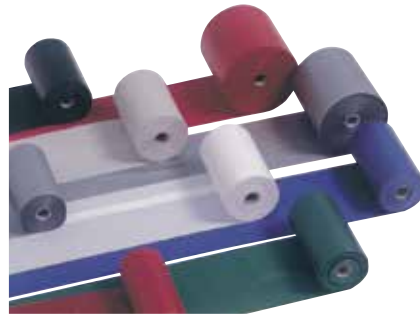
MEASUREMENTS

Thicknesses: 0,2 mm

Lengths: 50 m

Widths: 5 - 10 cm

K-FLEX® VINYL BAND



Flexible, robust and resistant to external agents, used for covering pipes insulated with elastomeric insulation or other materials. The small roll sizes allow for applications even in tight and narrow spaces. The wide range of colours available allows for a correct colour-coding of pipes, in compliance with the law.

COLOURS

red
green
blue
grey (K-Pack RS 590 type)
light grey
black

MEASUREMENTS

Thicknesses: 0,1 mm

Lengths: 50 - 25 m

Width: 10 cm



K-FLEX® PE INSULATION TRIMMING



Self-adhesive closed cell reticulated PE foam tape, used to cover the seal flange in air-conditioning ducts.

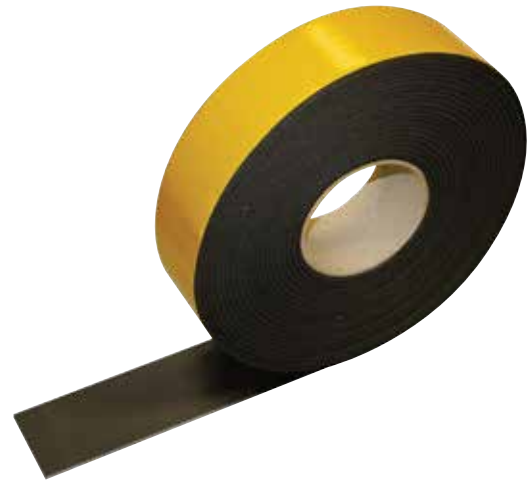
MEASUREMENTS

Thicknesses mm: 3

Length m: 20

Height mm: 15, 20, 25

K-FLEX® ST ANTICONDENSATION TAPE



Highly flexible closed cell elastomeric foam (FEF) suitable for hot and cold thermal insulation, featuring a combination of low thermal conductivity, high water vapour diffusion resistance and low flame spread.

MEASUREMENTS

Thickness: 3 mm

Lengths: 10 - 15 m

Heights: 15 - 25 - 30 - 50 - 75 - 100 mm

APPLICATIONS

Pipes, ducts, tanks, applied for refrigeration, air conditioning, heating and plumbing, pipe fittings and water ducts, industrial applications for energy saving and/or condensation prevention purposes.

K-FLEX® ST ANTICONDENSATION TAPE ► TECHNICAL DATA

Property ▼	Value ▼										Test method ▼
Maximum service temperature	+85°C										
Minimum service temperature	-40°C										
Permeability	μ ≥ 7 000										EN 12086
Water absorption	<0.1 %										EN 13472
Leachable chlorides	<500 ppm When tested in line with DIN1988/7, Leachable chlorides <0.05%										EN 13468
Ph	Neutral (7)										EN 13468
Fire rating	Euroclass B- s2, d0										EN 13501
Dimensional tolerances	as for EN14304										
Ecological data	Without CFCs and HCFCs										
Medium temperature	-30°C	-20°C	-10°C	0°C	+10°C	+20°C	+30°C	+40°C	+50°C	+70°C	
Thermal conductivity [W/(m °K)]	0.030	0.031	0.032	0.033	0.034	0.035	0.036	0.037	0.038	0.042	EN12667

K-FLEX® reserves the right to change data and technical requirements without notice.

K-FLEX® SOLAR HT TAPE



Flexible closed cell elastomeric foam (EPDM) suitable for hot thermal insulation, specially designed to suit high temperature applications.

MEASUREMENTS

Thickness: 3 mm
 Length: 15 m
 Height: 50 mm

APPLICATIONS

Ducts and pipes, specially designed for solar systems and high temperatures.

K-FLEX® SOLAR HT TAPE ▶ TECHNICAL DATA										
Property	Value									Test method
Maximum service temperature	+85°C									
Minimum service temperature	-40°C									
Permeability	NPD									EN 12086
Water absorption	<0.1 %									EN 13472
Leachable chlorides	<500 ppm When tested in line with DIN1988/7, Leachable chlorides <0.05%									EN 13468
Ph	Neutral (7)									EN 13468
Fire rating	Euroclass E									EN 13501
Dimensional tolerances	as for EN14304									
Ecological data	Without CFCs and HCFCs									
Medium temperature	-30°C	-20°C	-10°C	0°C	+10°C	+20°C	+30°C	+40°C	+50°C	
Thermal conductivity [W/(m °K)]	0.037	0.038	0.039	0.040	0.041	0.042	0.043	0.044	0.044	EN12667

K-FLEX® reserves the right to change data and technical requirements without notice.

K-FLEX® ECO ANTICONDENSATION TAPE

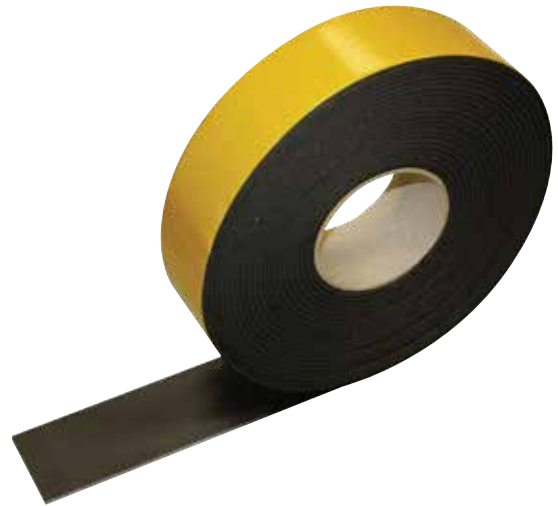
Highly flexible closed cell elastomeric foam (FEF) suitable for hot and cold thermal insulation, free from halogenated flame retarders and halogenated ingredients, featuring a low toxicity in case of fire.

MEASUREMENTS

Thickness: 3 mm
Length: 15 m
Height: 50 mm

APPLICATIONS

Pipes, ducts, tanks, applied for refrigeration, air conditioning, heating and plumbing, pipe fittings and water ducts, industrial applications for energy saving and/or condensation prevention purposes.



K-FLEX® ECO ANTICONDENSATION TAPE ► TECHNICAL DATA

Property	Value		Test method								
Maximum service temperature	+85°C										
Minimum service temperature	-40°C										
Permeability	μ ≥ 3 000		EN 12086								
Water absorption	<0.1 %		EN 13472								
Leachable chlorides	<500 ppm When tested in line with DIN1988/7, Leachable chlorides <0.05%		EN 13468								
Ph	Neutral (7)		EN 13468								
Fire rating	Euroclass E		EN 13501								
Dimensional tolerances	as for EN14304										
Ecological data	Halogen free, PVC, CFC, HCFC e Formaldeide										
Medium temperature	-30°C	-20°C	-10°C	0°C	+10°C	+20°C	+30°C	+40°C	+50°C	+70°C	
Thermal conductivity [W/(m °K)]	0.035	0.036	0.037	0.038	0.039	0.040	0.041	0.042	0.043	0.044	EN12667

K-FLEX® reserves the right to change data and technical requirements without notice.

K-FLEX® COLOR ANTICONDENSATION TAPE

Highly flexible closed cell elastomeric foam (FEF) protected by a layer of specially designed acrylic paint available in different colours.



MEASUREMENTS

Thicknesses: 3 - 6 mm

Lengths: 7,5 - 15 m

Heights: 50 - 100 mm

APPLICATIONS

Pipes, ducts, tanks, applied for air conditioning, heating and plumbing, fittings and accessories.

K-FLEX® COLOR TAPE ▶ TECHNICAL DATA

UV stability ▼	Value ▼	Test method ▼
Weatherometer	> 2000 Hours	DIN 53231
Desert exposure	> 2 Anni	ASTM G 7-97
Total weight approx.	50 g/m ²	EN 12086
Thickness	45 μ	
Fire rating with K-FLEX® ST	Euroclass C-s3, d0	
Fire rating with K-FLEX® ECO	Euroclass E	
Fire rating with K-FLEX® SOLAR HT	Euroclass E	

K-FLEX® reserves the right to change data and technical requirements without notice.

COLOR RANGE

○ RAL 7035 grey - Colour code **G0** ○ RAL 9002 white - Colour code **G1** ● RAL 9011 black - Colour code **N0**

● RAL 5012 blue - Colour code **B0** ● RAL 6032 green - Colour code **V0** ● RAL 3000 red - Colour code **R0**

K-FLEX® SRC

ANTICONDENSATION TAPE

K-FLEX® SRC is an insulating tape consisting of a closed cell expanded elastomeric layer and a protective coating. The innovative configuration of K-FLEX® SRC synergistically combines the high thermal insulation performance of rubber with the reduced smoke emission properties of the coating, offering a product suitable for installation also along escape routes.

APPLICATIONS

K-FLEX® SRC products are ideal for thermal insulation of pipelines and technical services in public buildings, including along escape routes.



K-FLEX® SRC ECO

ANTICONDENSATION TAPE

K-FLEX® SRC ECO is an insulating tape made up of a Halogen-free closed-cell expanded elastomeric layer and a protective coating. The innovative configuration of K-FLEX® SRC synergistically combines the high thermal insulation performance of rubber with the reduced smoke emission properties of the coating, offering a product suitable for installation also along escape routes.

APPLICATIONS

K-FLEX® SRC ECO products are ideal for thermal insulation of pipelines and technical services in public buildings, including along escape routes.



K-FLEX® ECO ALU NET

ANTICONDENSATION TAPE

K-FLEX® ECO ALU NET is a closed cell elastomeric insulating product free of halogens, PVC, CFC, HCFC and formaldehyde coated with a protective aluminum film reinforced with glass fiber mesh specially designed for marine applications.

APPLICATIONS

K-FLEX® ECO ALU NET is ideal for thermal insulation of pipelines and technical services in marine applications.



K-FLEX® AL CLAD TAPE

Suitable for indoor and outdoor applications, the tape AL CLAD offers a particular aesthetic finish and constitutes a waterproof barrier that protects the insulating material from UV rays and bad weather.

APPLICATIONS

Intended for applications on ducts, ventilation ducts and large pipes. The flexibility and ease of processing of the material make them suitable for particular geometries and special pieces.



K-FLEX® IN CLAD TAPE

Tapes in flexible polymeric material specifically designed for particularly aggressive environments such as off-shore platforms, industrial, oil and petrochemical plants, installations exposed to the sun and sea water and in general situations where it is necessary to apply a material with superior performance.

APPLICATIONS

They are suitable for the insulation of large diameter industrial pipes, tanks, silos and equipment with particular geometries. The silicone finish of the joints provides total waterproofing and protection from bad weather.



K-FLEX® IC CLAD TAPE

Tape in inorganic glass fiber fabric, it provides particular protection against mechanical stresses and resists temperature peaks up to 230°C. It is available in silver (aluminum) or black colour.

APPLICATIONS









Intended for applications on large pipes, tanks and silos. The flexibility and ease of processing of the material make them suitable for particular geometries and special pieces.
















**THE DIFFERENCE
IS IN THE DETAILS**

PACKAGING AND TRANSPORTATION OVERVIEW

K-FLEX® PACKAGING ▶ TAPES										
CARTONS	PRODUCTS	CARTON DIMENSIONS (CM)			CARTONS/ PALLET QUANTITY	PALLET DIMENSIONS (CM)			PALLET/ TRUCK QUANTITY	PALLET
		LENGTH	WIDTH	HEIGHT		LENGTH	WIDTH	HEIGHT		
	K-FLEX® ALU AA CW TAPE K-FLEX® ALU HA CW TAPE	27	27	31	96	110	110	201	-	
	K-FLEX® ALU AR CW TAPE K-FLEX® ALU HAR CW TAPE	31	31	31	72	130	100	-	-	
	K-FLEX® ALU KRAFT TAPE	31	31	31	72	110	110	-	-	
	K-FLEX® ST ELASTOMERIC TAPE	64	28	28	96	120	80	180	33	

PACKAGING AND TRANSPORTATION OVERVIEW

K-FLEX® PACKAGING ▶ TAPES										
CARTONS	PRODUCTS	CARTON DIMENSIONS (CM)			CARTONS/ PALLET QUANTITY	PALLET DIMENSIONS (CM)			PALLET/ TRUCK QUANTITY	PALLET
		LENGTH	WIDTH	HEIGHT		LENGTH	WIDTH	HEIGHT		
	K-FLEX® ECO ELASTOMERIC TAPE	64	28	28	24	120	80	180	-	
	K-FLEX® SOLAR HT ELASTOMERIC TAPE	64	28	28	24	120	80	180	-	
	K-FLEX® COLOR ELASTOMERIC TAPE	64	28	28	24	120	80	180	-	
	K-FLEX® BITUMINOUS CONGLOMERATE TAPE	62	21	25	24	120	80	180	-	
	K-FLEX® CLOTH DUCT TAPE	31	31	31	96	130	100	201	-	
	K-FLEX® BUTYL TAPE 50 mm 100 mm	15 15	29 29	32 32	40 40	120 120	80 80	143 143	- -	
	K-FLEX® PVC 070 TAPE	21	15	17	24	120	80	140	-	

Important note: the transport quantities are calculated for complete truck loads. They may differ depending on the truck size. Please contact our Customer Service for information about the transport quantities applicable to your respective order.

CONTACT

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MORE EFFICIENT, SAFE
AND COMFORTABLE PLACES
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