



Kemaite

FILMS & TAPES

ADVANCED SOLUTIONS. RELIABLE PERFORMANCE.



HIGH
PERFORMANCE



HIGH TEMPERATURE
RESISTANCE



ELECTRICAL
SAFETY



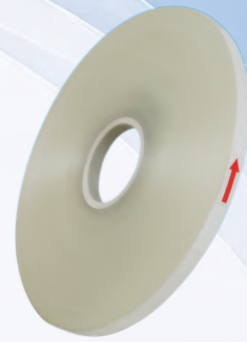
GLOBAL
SOLUTIONS



HIGH PERFORMANCE MATERIALS

www.kemaite.de

PLASTIC FILMS



Description

The foils are versatile. For example, in cosmetics and pharmaceuticals, as well as in photography, for magnetic recordings, in reprography, electrical insulating foils and capacitor foils used in electrical engineering, shielding in cables. It can also be used in many ways in the packaging industry (food or non-food area) etc.



SINGLE LAYER

PET	PET flame retardant	PET heat resistance	printed PET	corrugated PET
PP-Compact	PP-Compact high tension	PP-Foamed	PVC	PI
PTFE expanded		PTFE unsintered	PTFE sintered	TPU



TWO LAYERS

PE/PET	PE/PP	PET/Glue	PP/Glue	PI/Glue
PTFE/TPU		PTFE/FEP	PTFE/PI	PI/FEP



MULTI LAYERS

PE/PET/PE	FEP/PI/FEP
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Keep
Clean



No Direct
Sunlight



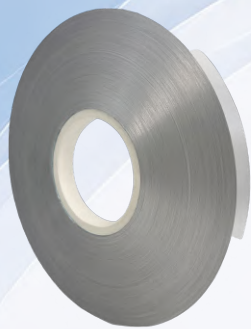
Keep
Dry



6 Months
Self Life



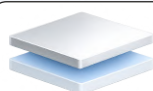
Rolls
Pads
Spools



ALUMINIUM FOILS AND TAPES

Description

The foils are versatile. For example, bare aluminium foils and composite foils can be used in many ways in the packaging industry (food or non-food area), electrical insulating foils used in electrical engineering and as shielding in cables, construction insulating, electronics manufacturing, air condition insulating etc.

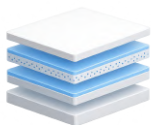


TWO LAYERS

AL/PET (free edge)	AL/PP	AL/PVC
AL/PI	AL/TPU	AL/PTFE
AL/EAA (COPO)	AL/PET-FR	AL/SC-COPO



MULTI LAYERS



SINGLE LAYER

Bare Aluminium

AL/PET/AL	AL/PET/Glue	AL/PET/EAA	AL/PET-FR/EAA
AL/PET/PVC	AL/PI/EAA	PET/AL/PET	AL/PP/Glue
AL/PP/AL	PET/AL/PE	PP/AL/PP	COPO/AL/COPO
COPO/AL/SC-COPO		AL/PET/AL/PVC	AL/PP/AL/EAA
AL/PET/AL/EAA		Glue/PET/AL/Glue	



*FR =
Flame
Retardant



*SC =
Semi
Conductive



Rolls
Pads
Spools



Keep
Clean



No Direct
Sunlight

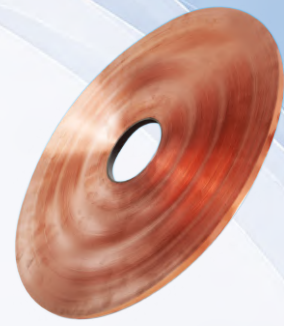


Keep
Dry



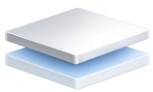
6 Months
Self Life

COPPER FOILS AND TAPES



Description

The foils are versatile. Widely used in electronic components, IC lead frame materials, electric vehicle mounted, solar photovoltaic, circuit boards, flexible printed circuit boards, electronic shielding, lithium batteries, electrical insulating foils used in electrical engineering and as shielding in cables etc.

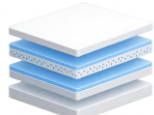


TWO LAYERS

CU/PET	CU/PP	CU/PVC	CU/PI	CU/COPO
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MULTI LAYERS



SINGLE LAYER

Bare Copper

CU/PET/CU	CU/PET/PE	CU/PET/EAA
CU/PI/CU	CU/PET/PVC	COPO/CU/COPO
COPO/CU/SC-COPO	EAA/CU/PVC	CU/PET/AL/Glue
PET/CU/EVA/TPU		



Keep
Clean



No Direct
Sunlight



Keep
Dry



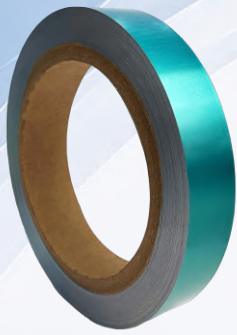
6 Months
Self Life



Rolls
Pads
Spools



*SC =
Semi
Conductive



STEEL TAPES

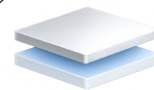
Description

The tapes are versatile. Bare steel tapes widely used household appliance industry, in the radiator industry, automotive industry, packaging industry as well as in the profile and pipe industry. Composite tapes mainly used as armor in cables.



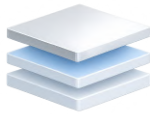
SINGLE LAYER

Galvanized Steel



TWO LAYERS

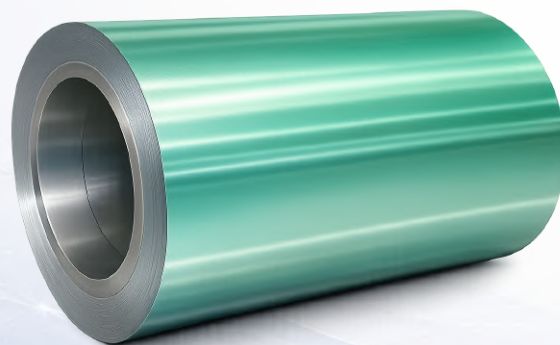
Steel/COPO



MULTI LAYERS

COPO/Steel/COPO

CJB COPO/Steel/CJB COPO



Rolls
Pads



Keep
Clean



No Direct
Sunlight



Keep
Dry



6 Months
Self Life

FIBERGLASS TAPES



Description

The fiberglass tape has feature of flame-retardant, it can be laminated with film after being processed by a special coating to achieve the reinforcing effect, it has the characteristics of light weight, no delamination, no wrinkles, no debonding, and uniform winding. Widely used in automotive industry, electrical engineering, packaging and in the cable industry.



SINGLE LAYER

Fiberglass Tape



TWO LAYERS

PET/Fiberglass



Keep
Clean



No Direct
Sunlight



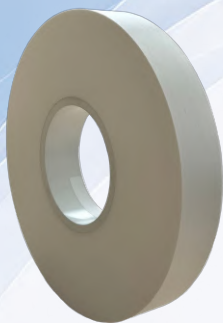
Keep
Dry



6 Months
Self Life



Rolls
Pads
Spools



NON-WOVEN TAPES

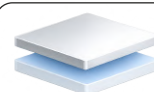
Description

Non-woven tapes consist of polyester fiber and adhesive, with features of high tensile strength, high insulation performance and no corrosion. Widely used in construction engineering, in filtration, the automotive sector, plastics industry, electrical engineering, agriculture and horticulture, packaging and in the cable industry.



SINGLE LAYER

Non-Woven Tape	Reinforced Non-Woven Tape
SC-Non-Woven Tape	FR-Non-Woven Tape



TWO LAYERS

Non-Woven/PET



MULTI LAYERS

Non-Woven/PET/Glue	Non-Woven/PET/Non-Woven
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*FR =
Flame
Retardant



*SC =
Semi
Conductive



Rolls
Pads
Spools



Keep
Clean



No Direct
Sunlight



Keep
Dry



6 Months
Self Life

WATER BLOCKING TAPES



Description

It has the characteristics of high expansion pressure and speed, good thermal stability, and prevents water and moisture from spreading longitudinally as a water blocking function. Widely used in cable industry and packaging industry.



SINGLE LAYER

Water Blocking Tape

SC-Water Blocking Tape



TWO LAYERS

Water Blocking/PET



MULTI LAYERS

AL/PET/Water Blocking Coating



Keep
Clean



No Direct
Sunlight



Keep
Dry



6 Months
Self Life



Rolls
Pads
Spools



*SC =
Semi
Conductive



MICA TAPES

Description

Phlogopite Mica Tape for fire-resistant cable consist of the heat resistant Phlogopite mica paper bonded to an electrical grade glass cloth as the supporting fabric, impregnated with a specially selected high temperature resistant silicon resin. For the excellent flame resisting characteristics, it has been widely used the high electronic industry, electrical insulation and cable industry.



SINGLE LAYER

Mica Tape Phlogopite

Mica Tape Muscovite

Mica Tape Synthetic



TWO LAYERS

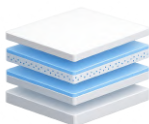
Mica/PET

Mica/PP

Mica/PI



MULTI LAYERS



Mica/PET/Glue

PET/Mica/PET

PET/Mica/PET/Glue

Mica/PI/Glue

PI/Mica/PI

PI/Mica/PI/Glue



Rolls
Pads
Spools



Keep
Clean



No Direct
Sunlight



Keep
Dry



6 Months
Self Life

EMI GRID SHIELDING FILM

Description

The tape is versatile. Widely used in automotive industry and in electronic components.



SINGLE LAYER

EMI grid film



Keep
Clean



No Direct
Sunlight



Keep
Dry



6 Months
Self Life



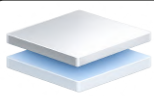
Rolls
Pads



HOT MELT TAPES

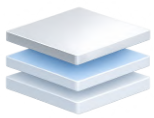
Description

The FUSITAPE® hot melt tape for high-speed copper cables is made by precisely coating various functional hot melt adhesives on the surface of films and metals. The hot melt adhesives can be modified to have flame retardant and conductive properties. The product has excellent bonding and shielding insulation properties, and maintains good and stable bonding properties in high temperature (125°C×1000H) or high temperature and high humidity (85°C/85%RH x 1000H) environments. These tapes are also suitable for technical and industrial sector.

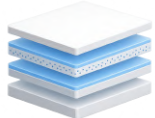


TWO LAYERS

PET/HS	PP/HS	PI/HS
VMPET/HS	CU/diamond HS	



MULTI LAYERS



AL/PET/HS	AL/PP/HS	AL/PI/HS
CU/PET/HS	diamond HS/AL/PET	
CU/PP/HS	diamond HS/AL/PET/CU	



*HS =
Heat Seal
Coating



Rolls
Pads
Spools



Keep
Clean



No Direct
Sunlight

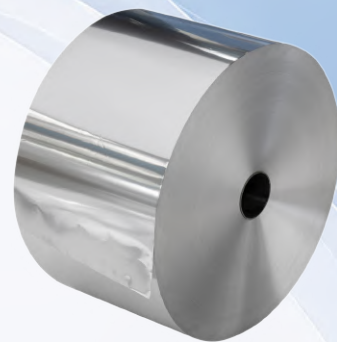


Keep
Dry



6 Months
Self Life

HEAT SEALABLE ALUMINIZED FILMS



Description

Heat sealable aluminized films are suitable for the packaging industry as well as in the technical and industrial sector.



CARRIER MATERIAL

BOPET

BOPP



Keep
Clean



No Direct
Sunlight



Keep
Dry



6 Months
Self Life



Rolls
Pads



INSULATION PAPERS

Description

Kraft papers consist of Kraft paper, adhesive and polyester film, with features of high tensile strength, high insulation performance and light-weight. It is mainly used for the packaging industry, high voltage application and other insulation applications.



SINGLE LAYER

Kraft Paper

Aramid Paper

Crepe Paper



TWO LAYERS

Kraft Paper/PET

Aramid Paper/PET



MULTI LAYERS

Kraft Paper/PET/Kraft Paper

Aramid Paper/PET/Aramid Paper

Aramid Paper/PI/Aramid Paper



Rolls
Pads



Keep
Clean



No Direct
Sunlight



Keep
Dry



6 Months
Self Life

WOVEN NYLON TAPES



Description

Woven nylon tapes are versatile technical materials known for their high tensile strength, abrasion resistance, flexibility, and good temperature stability. These properties make them widely applicable across various industrial sectors



SINGLE LAYER

Woven Nylon Tape	SC-Woven Nylon Tape
Woven Water Blocking Nylon Tape	SC-Woven Water Blocking Tape



Keep
Clean



No Direct
Sunlight



Keep
Dry



6 Months
Self Life



Rolls
Pads

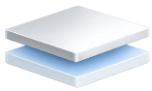


*SC =
Semi
Conductive

HEAT TRIGGER ELECTRICAL CIRCUIT BREAKER FILM

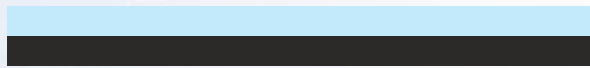
Description

The Heat-sensitive composite film prepared by using polyester film as the substrate and coating with a special coating, which is applied at room temperature, the coating can conduct electricity, when the composite film is subjected to a heat source, it can quickly change, the coating changes to a non-conductive state, so it can be real the coating itself blocks the process of conductive connection, avoiding fire caused by short circuit.



TWO LAYERS

Product name	TS-10010-1	TS-10010-2
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Heat sensitive coating

PET film



Rolls



Keep
Clean



No Direct
Sunlight



Keep
Dry



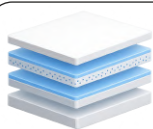
6 Months
Self Life

HIGH TEMPERATURE RESISTANT TAPES



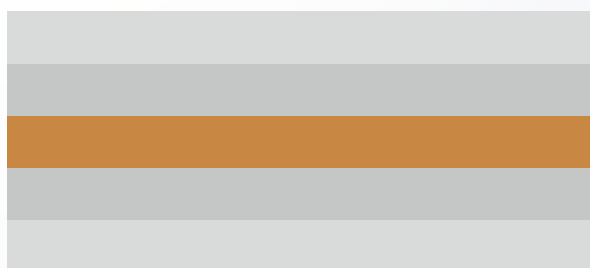
Description

The products are made of polyimide film as the substrate, single or double-sided coating with special adhesive, with the characteristics of adhesion and high temperature resistance, can be used as high-grade electronic insulation materials and various high temperature resistant environments to assist fixed use, such as flexible circuit board production; High-temperature bonding of electronic components. It is also especially suitable for the fixing of flexible circuit boards and reflow soldering processes



MULTI LAYERS

Duplex high temperature standing PI adhesive tape	High temperature resistant silicone tapes
DHRT-200S37	HTSM-8572
DHRT-20017	HTAT Series
DHRT-20037	



- Protective film (peeling)
- Silicone adhesive
- PI film
- Silicone adhesive
- Protective film (peeling)



Keep
Clean



No Direct
Sunlight



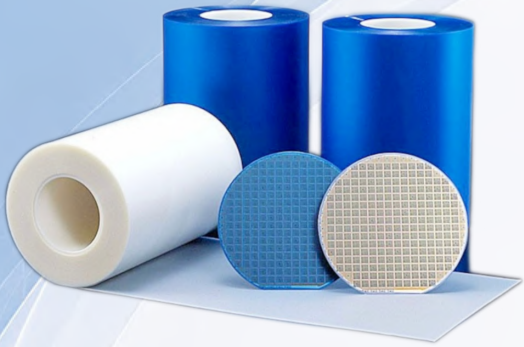
Keep
Dry



6 Months
Self Life



Rolls



PROTECTION FILMS

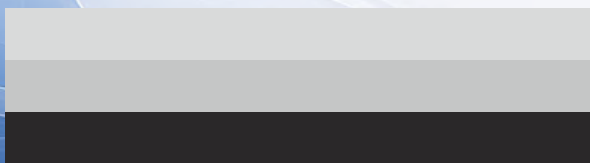
Description

The products use PO or PET or PVC film as the substrate and is coated with UV light curing debonding acrylic adhesive made of protective tape; Used for acid/alkali treatment and grinding, cutting process protection in the electronics industry, under normal circumstances, the viscosity is very strong, and the viscosity will decrease after UV light; Suitable for IC/LED chip packaging and cutting process RETH-134 is a special adhesive coated with polyester film as the substrate, which has the function of reducing or losing tackiness at a certain temperature.



MULTI LAYERS

UV releasing films	Heat release films
UVRV-2004 - 2008	RETH-134
NUVRV-2001	



- Release film
- UV curable adhesive/Special adhesive
- PO film/PET film



Rolls



Keep
Clean



No Direct
Sunlight



Keep
Dry



6 Months
Self Life



China

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