

Technical Data

	Product number	Thickness (mm)	Backing material	Adhesive		Adhesion		Remarks
				(mm)	1st surface	2nd surface	1st surface	
					N/10mm	N/10mm	N/10mm	
A	9110	0.190	Polyester film + Glass	—	Rubber		3.90	Tensile strength: 696.0N/10mm
	9116	0.180	Polyester film + Glass	—	Synthetic rubber		5.01	Tensile strength: 697.0N/10mm
	9510	0.170	Polyester film + Polyester	—	Rubber		4.65	Tensile strength: 320.0N/10mm
	9514	0.170	Polyester film + Polyester	—	Rubber		4.65	Tensile strength: 320.0N/10mm
B	8010	0.095	Aluminum foil, matte	0.050	Acrylic		4.51	Operating temperature limit: -10~100°C
	8060	0.105	Aluminum foil, matte	0.050	Acrylic		5.30	Operating temperature limit: -30~130°C
	8063	0.100	Aluminum foil, matte	0.050	Silicone		7.00	Operating temperature limit: -30~300°C
	8065	0.100	Aluminum foil, matte	0.050	Acrylic		9.00	Operating temperature limit: -10~130°C, No release liner
	8070	0.080	Aluminum foil, matte	0.050	Acrylic		4.00	Operating temperature limit: 0~100°C, ^{※1}
	8071	0.080	Aluminum foil, matte	0.050	Acrylic		4.00	Operating temperature limit: 0~100°C, No release liner, ^{※1}
	8073	0.100	Aluminum foil, matte	0.050	Acrylic		6.00	Operating temperature limit: 0~100°C, No release liner, ^{※1}
	8110	0.095	Aluminum foil, glossy	0.050	Acrylic		4.51	Operating temperature limit: -10~100°C
	8160	0.105	Aluminum foil, glossy	0.050	Acrylic		5.30	Operating temperature limit: -30~130°C
	8170	0.080	Aluminum foil, glossy	0.050	Acrylic		4.00	Operating temperature limit: 0~100°C, ^{※1}
	8824	0.120	Stainless foil	0.040	Acrylic		13.70	Operating temperature limit: -10~130°C
	9800	0.105	Aluminum foil + Woodfree paper	—	Synthetic rubber		5.70 ^{※2}	Operating temperature limit: -10~80°C
	9807	0.140	Aluminum foil + Woodfree paper	—	Synthetic rubber		6.60 ^{※2}	Operating temperature limit: -10~80°C, No release liner
	9810	0.195	Aluminum foil + Glass cloth	—	Acrylic		4.70	Operating temperature limit: -20~130°C
C	9812	0.210	Aluminum foil + Glass cloth	—	Synthetic rubber		15.68	Operating temperature limit: -10~80°C
	9815	0.200	Aluminum foil + Glass cloth	—	Acrylic		7.50	Operating temperature limit: -20~130°C
	9817	0.210	Aluminum foil + Glass cloth	—	Silicone		5.00	Operating temperature limit: -30~250°C
	9890	0.150	Glossy aluminum foil + Nonwoven polyethylene fabric	—	Synthetic rubber		11.76	Operating temperature limit: -10~80°C
	9891	0.150	Matte aluminum foil + Nonwoven polyethylene fabric	—	Synthetic rubber		11.76	Operating temperature limit: -10~80°C
	5988	0.450	Polyethylene net	—	Butyl rubber	Butyl rubber	13.73	13.73
	5938	0.500	Polyethylene net	—	Butyl rubber	Butyl rubber	7.84	7.84
	5957	0.700	Polyethylene net	—	Butyl rubber	Butyl rubber	7.84	7.84
	5931	1.000	Polyethylene net	—	Butyl rubber	Butyl rubber	9.80	9.80
	5932	2.000	Polyethylene net	—	Butyl rubber	Butyl rubber	13.73	13.73
	5933	3.000	Polyethylene net	—	Butyl rubber	Butyl rubber	15.68	15.68
	5958	0.450	Nonwoven polypropylene fabric/ Nonwoven polyethylene fabric	—	Butyl rubber	Butyl rubber	7.84	7.84
	5901	1.000	Polyethylene net	—	Butyl rubber (white)	Butyl rubber (white)	19.60	15.68
	3494	0.173	Polyethylene fabric	—	Acrylic		9.40	
	4420	0.750	Nonwoven polyester fabric	—	Butyl rubber		7.84	Water vapor permeability: 2.5g/m ² · 24h
	6120	0.550	Polypropylene film	—	Butyl rubber		7.85	
	9241	0.470	Polyethylene film + Nonwoven polyester fabric	—	Butyl rubber		7.05	
	9244	0.500	Nonwoven polyester fabric + Polyethylene film	—	Butyl rubber		9.81	
	9280	0.500	Polyethylene fabric + Aluminum foil	—	Butyl rubber		7.80	
	9290	0.500	Polyethylene net + Aluminum foil	—	Butyl rubber		7.84	Water vapor permeability: 0.5g/m ² · 24h
	9830	0.600	Polyester film + Aluminum foil	—	Butyl rubber		11.76	
	9836	0.450	Polyester film + Aluminum foil	—	Butyl rubber		10.00	
	9839	0.450	Aluminum foil + Polyester film	—	Butyl rubber		10.00	
	9940	0.350	PE laminate + Synthetic fabric (black)	—	Butyl rubber		7.40	Water vapor permeability: 1.0g/m ² · 24h
D	3330/3335	0.320	Polyethylene laminated cloth	—	Rubber		2.94	No.333035 Thickness 0.310mm
	3372	0.290	Polyethylene laminated cloth	—	Rubber		2.94	
	3430	0.330	Polyethylene laminated cloth	—	Rubber		2.94	
	3440	0.140	Polyethylene fabric	—	Acrylic		2.80	"Floor Masking Tape", Floor masking use
	3448	0.150	Polyethylene fabric	—	Acrylic		3.60	"Protec Tape", Building masking use
	3489	0.105	Polyethylene laminated synthetic cloth	—	Acrylic		2.65	"Masking Cut Light Tape", masking use
	3362SS	0.260	Polyethylene laminated cloth (yellow · black)	—	Rubber		2.94	
	9651	0.100	Printed film (red · white) + Reflective layer	—	Acrylic		3.88 ^{※2}	
	9652	0.115	Printed film (yellow · black) + Reflective layer	—	Acrylic		3.88 ^{※2}	
	5567	1.100	Special foam polyethylene (White)	—	Acrylic	Acrylic	6.28 ^{※2}	6.28 ^{※2}

※1 Environmentally sensitive adhesive. (Solvent free) ※2 Measured by 90° peel.

○Test method: JIS Z 0237 ○The values measured are referential only, not guaranteed value.

○The spec of the product maybe changed without prior notice. ○Please check that the tape suits your application before use. ○Take care when using the tape as Sliontec shall not be held liable for damage occurring as a result of using the tape.

maxell
Within the Future

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Overseas Sales Section

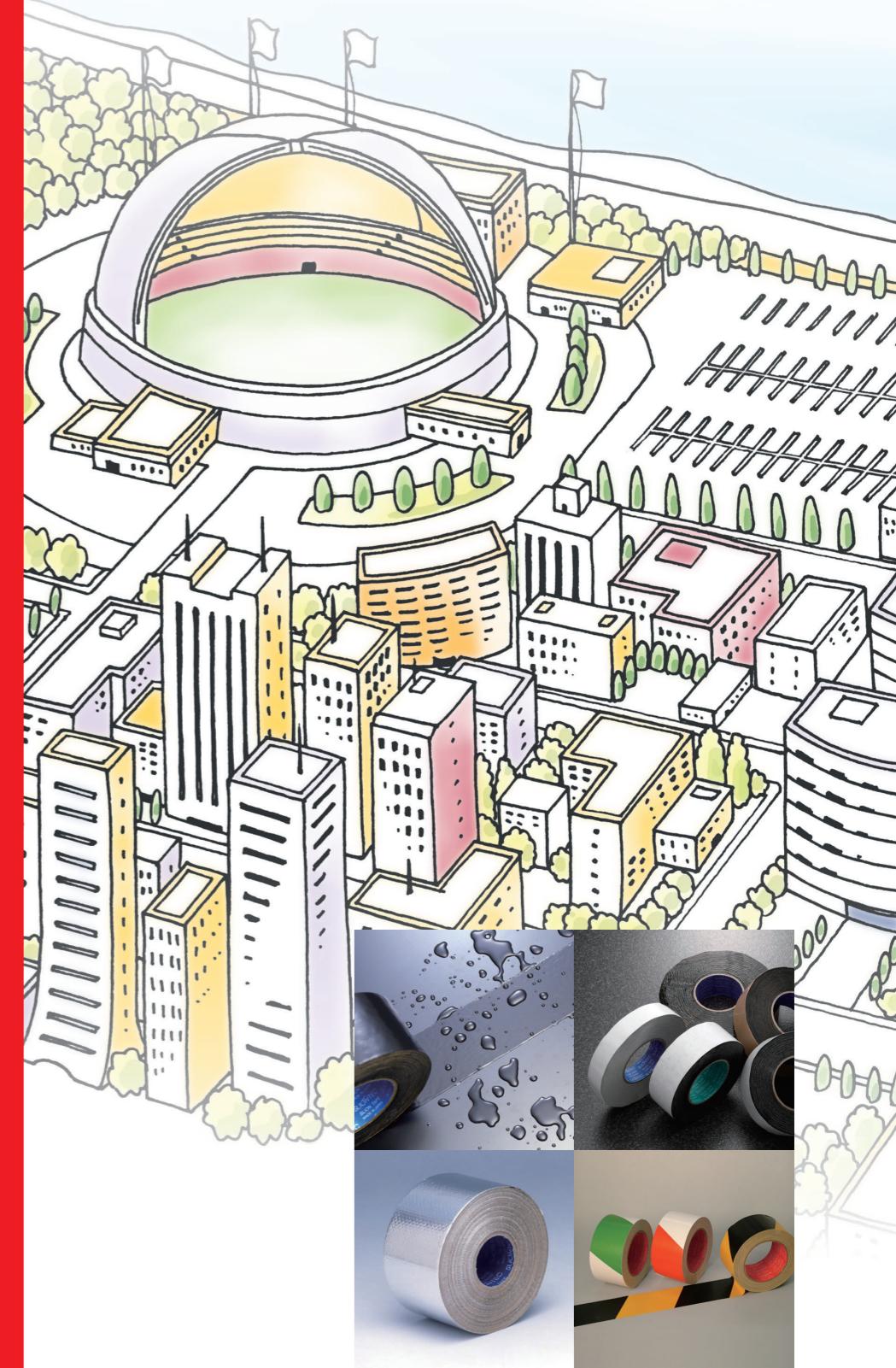
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Inquiry



SLIONTEC

Adhesive Tapes for Construction and Civil Engineering

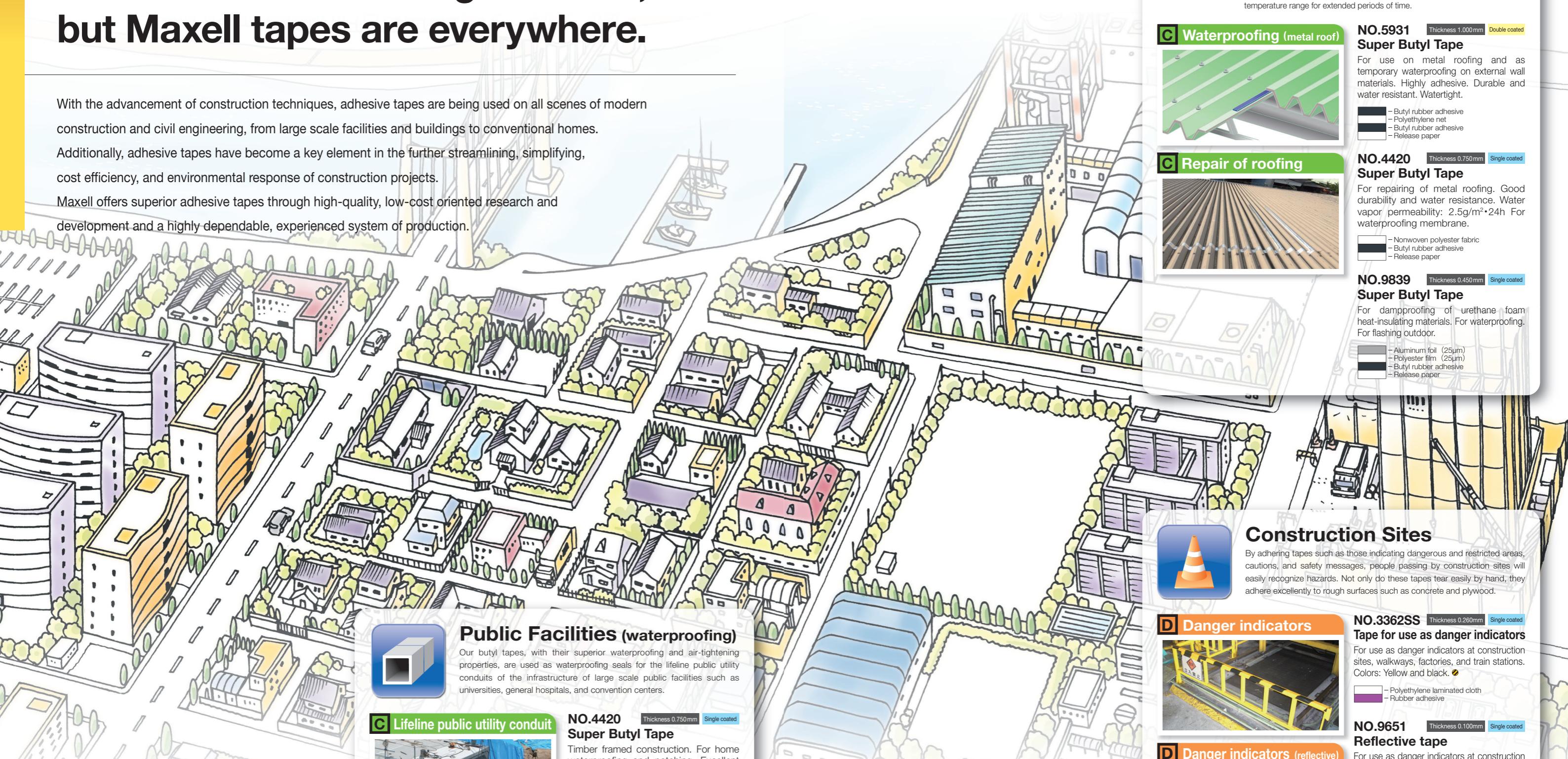


You never would have guessed it, but Maxell tapes are everywhere.

With the advancement of construction techniques, adhesive tapes are being used on all scenes of modern construction and civil engineering, from large scale facilities and buildings to conventional homes.

Additionally, adhesive tapes have become a key element in the further streamlining, simplifying, cost efficiency, and environmental response of construction projects.

Maxell offers superior adhesive tapes through high-quality, low-cost oriented research and development and a highly dependable, experienced system of production.



Public Facilities (waterproofing)

Our butyl tapes, with their superior waterproofing and air-tightening properties, are used as waterproofing seals for the lifeline public utility conduits of the infrastructure of large scale public facilities such as universities, general hospitals, and convention centers.

C Lifeline public utility conduit



NO.4420 Thickness 0.750mm Single coated Super Butyl Tape

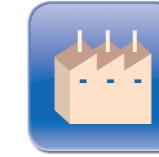
Timber framed construction. For home waterproofing and patching. Excellent durability and water resistance.

- Nonwoven polyester fabric
- Butyl rubber adhesive
- Release paper

NO.9244 Thickness 0.500mm Single coated Super Butyl Tape

For home waterproofing. Excellent durability and water resistance.

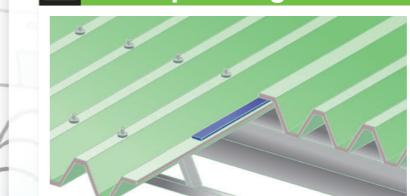
- Nonwoven polyester fabric
- Polyethylene film
- Butyl rubber adhesive
- Release paper



Factories

Our butyl tape is optimal for various uses such as a sealing material for the overlapped sections of seam jointed metal roofs used in facilities such as factories and as an airtight sealing material in the piping of refrigerated storage units. Our tape maintains a balanced, high level of adhesive force over a wide temperature range for extended periods of time.

C Waterproofing (metal roof)



NO.5931 Thickness 1.000mm Double coated Super Butyl Tape

For use on metal roofing and as temporary waterproofing on external wall materials. Highly adhesive. Durable and water resistant. Watertight.

- Butyl rubber adhesive
- Polyethylene net
- Butyl rubber adhesive
- Release paper

C Repair of roofing



NO.4420 Thickness 0.750mm Single coated Super Butyl Tape

For repairing of metal roofing. Good durability and water resistance. Water vapor permeability: 2.5g/m²•24h For waterproofing membrane.

- Nonwoven polyester fabric
- Butyl rubber adhesive
- Release paper

NO.9839 Thickness 0.450mm Single coated Super Butyl Tape

For dampproofing of urethane foam heat-insulating materials. For waterproofing. For flashing outdoor.

- Aluminum foil (25μm)
- Polyester film (25μm)
- Butyl rubber adhesive
- Release paper



Construction Sites

By adhering tapes such as those indicating dangerous and restricted areas, cautions, and safety messages, people passing by construction sites will easily recognize hazards. Not only do these tapes tear easily by hand, they adhere excellently to rough surfaces such as concrete and plywood.



NO.3362SS Thickness 0.260mm Single coated Tape for use as danger indicators

For use as danger indicators at construction sites, walkways, factories, and train stations. Colors: Yellow and black.

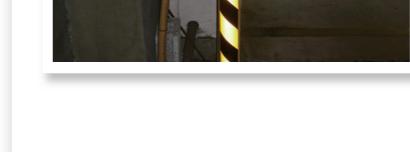
- Polyethylene laminated cloth
- Rubber adhesive



NO.9651 Thickness 0.100mm Single coated Reflective tape

For use as danger indicators at construction sites, walkways, factories, and train stations. Highly reflective. Colors: Red and white.

- Printed film
- Glass beads
- Aluminum vapor deposition
- Acrylic adhesive
- Release paper



NO.9652 Thickness 0.115mm Single coated Reflective tape

For use as danger indicators at construction sites, walkways, factories, and train stations. Highly reflective. Color:Yellow/Black.

- Printed film
- Glass beads
- Aluminum vapor deposition
- Acrylic adhesive
- Release paper

Stadiums

Butyl tape has the superior adhesive properties needed to waterproof the concrete joints in the stands of outdoor sporting facilities such as international sporting arenas, baseball fields, and soccer stadiums.

C Waterproofing (stands)

NO.4420 Super Butyl Tape Thickness 0.750mm Single coated

PC joint and waterproof coating insulation

Waterproof coating
Super Butyl Tape (No.4420)
Release paper

Caulking
PC plate

NO.9244 Super Butyl Tape Thickness 0.500mm Single coated

For home waterproofing. Excellent durability and water resistance.

Nonwoven polyester fabric
Polyethylene film
Butyl rubber adhesive
Release paper

A Large Suspension Bridges

Filament tapes, with their shock, weather, and water resistant properties are used as a superior heavy bundling material in the main cables of large suspension bridges. Additionally, these tapes are excellent as a binding material for wires and steel sheet coils, and for fixing the ends of transformer coils.

A Bundling (main cables)

NO.9110 Filament Tape Thickness 0.190mm Single coated

The photograph to the left shows 5 mm diameter piano wires bound in a hexagonal shape (1 strand). This strand (bundle) is combined with many others like it to form the cables that support large suspension bridges.

D Single Family Home (masking)

Moving

Homes employing 2x4 construction are built from the ground up. Therefore, masking of the floors is necessary for the long-term protection of floors. The tape having easy removability and good workability is used for fixing surface protection sheets.

NO.3440 Masking Tape Thickness 0.140mm Single coated

For fixing masking sheet for interior finish work and refurbishing.

Polyester film (19μm)
Glass fiber
Rubber adhesive

NO.3448 Masking Tape Thickness 0.150mm Single coated

Used in interior construction and renovation. Products with plastic cores available.

Polyethylene fabric
Acrylic adhesive

NO.3489 Masking Tape Thickness 0.105mm Single coated

Used in interior construction and renovation.

Polyethylene laminated synthetic fiber cloth
Acrylic adhesive

B Single Family Home (waterproofing, air-tightening)

These butyl tapes are primarily used for waterproofing and air-tightening around the joints and openings of structure. These tapes exhibit high adhesive force and durability on all surfaces, remain pliable at low temperatures, and adhere well to rough surfaces. Furthermore, these tapes have sound dampening and vibration absorbing properties which allow for a wide range of use.

C Waterproofing of balcony

NO.4420 Super butyl tape Thickness 0.750mm Single coated

For waterproofing of timber-framed houses. Good durability and water resistance. Water vapor permeability: 2.5g/m²·24h

Nonwoven polyester fabric
Butyl rubber adhesive
Synthetic cloth
Release paper

C Joint of airtightening sheet

NO.9940 Super butyl tape Thickness 0.350mm Single coated

For jointing of airtightening sheet. Good durability and water resistance.

Nonwoven polyester
Polyethylene film
Butyl rubber adhesive

C Fixing of waterproofing sheets

NO.9244 Super Butyl Tape Thickness 0.500mm Single coated

For waterproofing of houses. Good durability and water resistance.

Nonwoven polyester fabric
Polyethylene laminated synthetic cloth
Butyl rubber adhesive

NO.5958 Super Butyl Tape Thickness 0.450mm Double coated

Recommended waterproofing tape of JAPAN FIBER REINFORCED CEMENT SIDING MANUFACTURERS ASSOCIATION. For waterproofing of houses. For damp proofing and air-tightening of openings.

Polyethylene fabric
Nonwoven polypropylene fabric / nonwoven polyethylene fabric
Butyl rubber adhesive
Release paper

NO.3494 Flat yarn cloth adhesive tape Thickness 0.173mm Single coated

For sheet metal. For waterproofing and temporary fixing of exterior walls. For various types of waterproofing.

Butyl rubber adhesive
Polyethylene net
nonwoven polyethylene fabric
Butyl rubber adhesive
Release paper

NO.5931 Super butyl tape Thickness 1.000mm Double coated

For joint sealing of heat insulation sheet of exterior covering heat insulation.

Butyl rubber adhesive
Polyethylene fabric
nonwoven polyethylene fabric
Butyl rubber adhesive
Release paper

B Buildings and Apartments

A superior tape which offers air-tightening, durability, anti-humidity and anti-aging properties for the sealing of duct joints and insulation joints, and the waterproofing of roofs. Additionally, this tape can be used to mask steel beams, rebar, steel pipes, and concrete surfaces of outdoors which are exposed to adverse conditions. We even have a masking tape that is optimal for preventing dust from scattering when working indoors. These products support a wide range of building projects from housing complexes to office and tenant buildings.

B Joint insulation

NO.8070 Aluminum tape (matte) Thickness 0.050mm Single coated Environmentally friendly

For air-conditioning duct sealing, and joint sealing of heat insulation material.

Aluminum foil (EOP)
Acrylic adhesive
Release paper

NO.9810 Aluminum glass cloth tape Thickness 0.195mm Single coated

For air conditioning duct sealing. Joint sealing of heat insulation material. Wide range of application temperature. Good adhesion under cold temperature.

Aluminum foil
BOPP
Glass cloth
Acrylic adhesive
Release paper

C Waterproofing (roof)

NO.4420 Super Butyl Tape Thickness 0.750mm Single coated

Timber framed construction. For home waterproofing and patching. Excellent durability and water resistance.

Nonwoven polyester fabric
Butyl rubber adhesive
Release paper

D Masking (painting)

NO.3372 Cloth Masking Tape Thickness 0.290mm Single coated

Timber framed construction. For home waterproofing and patching. Excellent durability and water resistance.

Nonwoven polyester fabric
Butyl rubber adhesive
Release paper

D Single family home (Other application)

Exterior wall

NO.4420 Super Butyl Tape Thickness 0.750mm Single coated

Timber framed construction. For home waterproofing and patching. Excellent durability and water resistance.

Nonwoven polyester fabric
Butyl rubber adhesive
Release paper

Interior panel

NO.4420 Cloth Masking Tape Thickness 0.750mm Single coated

For use with an adhesive when fixing interior finishing materials. Used as a temporary fixing agent until the adhesive hardens.

Acrylic adhesive
Special foam polyethylene (White)
Acrylic adhesive
Release paper

Floor heating

NO.5567 D/C PE foam tape Thickness 1.100mm Double coated

For securing masking sheets such as protective plastic laid down when painting.

NO.8070 Aluminum tape (matte) Thickness 0.050mm Single coated Environmentally friendly

For securing heat dispersion and home electronics. Excellent resistance to heat and cold. Long product.

Aluminum foil (50μm)
Acrylic adhesive
Release paper

B Interior panel

NO.9244 Super Butyl Tape Thickness 0.500mm Single coated

For construction use. Outstanding resistance to weather. High strength backing material.

Nonwoven polyester fabric
Polyethylene film
Butyl rubber adhesive
Release paper

B Floor heating

NO.8071 Aluminum tape (matte) Thickness 0.050mm Single coated Environmentally friendly

For securing heat dispersion and home electronics. Excellent resistance to heat and cold. Long product.

Aluminum foil (50μm)
Acrylic adhesive

