

Composite adhesive tape No.340 / No.341 Series , No.343B

High-electrical insulation and tracking-resistant properties that contribute to increasing the compactness of coils and transformers.

High-insulation adhesive tape with an acrylic adhesive applied to a composite substrate of nonwoven fabric and polyester film. This can serve not only as a winding stopper for the exterior of coils but also contribute to greater transformer design freedom and more compact transformers.

No.340

Features

- Adheres well to coils, etc., and offers superior flexibility.
- Heating increases adhesive strength.
- Offers superior electrical insulation.
- Complies with PLC-O of UL-746A (CTI: 600U or more).
- Conforms to CTI grade I of IEC-950.

Applications

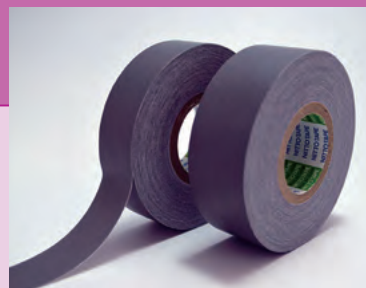
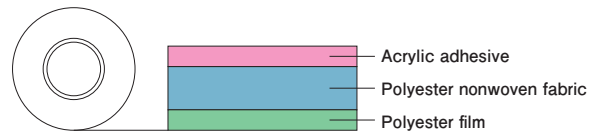
- Outer insulation and termination of coils.
- Barrier insulation of transformers and coils.

Properties

Product No.	Thickness (mm)		Standard length (m)	Color	Peel adhesion (N/19mm)	Tensile strength (N/19mm)	Elongation (%)	Breakdown voltage (kV)	Electrolytic corrosion factor
	Total	(Backing)							
No.340	0.240	(0.180)	50	White, Blue	7.5	170	60	5.5	0.98 or more
No.341F	0.420	(0.350)	50,200	White, Blue	6.0	120	60	5.5	0.98 or more
No.341S	0.250	(0.160)	100	White, Blue	10.5	130	100	9.0	0.98 or more
No.343B	0.420	(0.370)	30	White	17.0	205	33	8.0	0.98 or more

- No.343B (UL 510 Flame Retardant temperature rating : 130°C, CTI PLC of O E34833)

Structure



Composite adhesive tape No.345EG

Low-VOC adhesive tape with superior hand-cuttability and sound deadening qualities.

Sound deadening tape coated with low-VOC acrylic adhesive on our original special carrier of nonwoven fabric sandwiched between polyethylene(PE) films.

Features

- Superior workability due to its superior hand cuttability
- Superior sound deadening qualities due to the use of nonwoven fabric with superior cushioning
- Use of low-VOC adhesive as an environmental measure

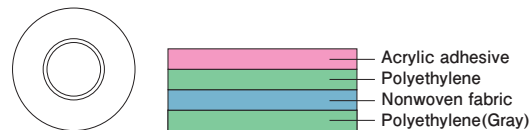
Applications

- For wiring harnesses and sound deadening

Properties

Product No.	Thickness (mm)		Standard length (m)	Color	90° peel adhesion	Tensile strength (N/19mm)	Elongation (%)
	Total	(Backing)					
No.345EG	0.250	(0.210)	14	Gray	5	70	10

Structure



Ultra-high-molecular-weight polyethylene adhesive tape No.443 / No.4430

Adhesive tape with excellent impact resistance, wear resistance, and self-lubricating capabilities.

Pressure-sensitive adhesive tape based ultrahigh-molecular-weight polyethylene film with release liner. Offers extremely high impact resistance, superior wear resistance and self-lubricating properties. Enhanced adhesive strength is realized by incorporating adhesive technology into film with excellent chemical resistance.

Features

- Extremely high impact resistance; particularly excellent chemical resistance among plastics.
- Excellent wear resistance.
- Excellent self-lubricating properties.

Size

Product No.	Thickness (mm)		Width (mm)	Standard length (m)
	Total	Substrate		
No.443 No.443 (Black)	0.27, 0.30, 0.37, 0.42, 0.47 0.57, 0.67	0.1, 0.13, 0.2, 0.25, 0.3 0.4, 0.5	300, 350	10, 30, 50 10, 30
No.4430 No.4430 (Black)	0.16, 0.23, 0.28	0.13, 0.2, 0.25	13, 19, 25, 50, 75, 100, 300, 350	10, 30, 50

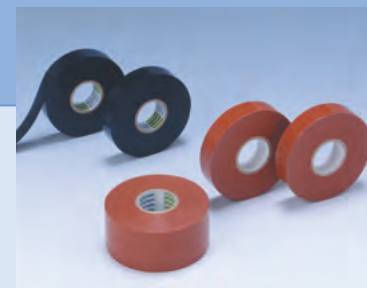
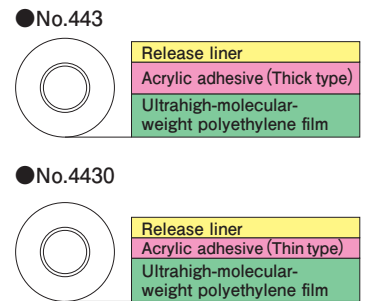
Properties

Product No.	Thickness (mm)		Peel adhesion (N/20mm)	Tensile strength (MPa)	Elongation (%)	Surface resistance (Ω)
	Total	Substrate				
No.443	0.30	0.13	17.1	55.3	400	10 ¹⁶
No.443 (Black)			14.5	51.3	380	10 ⁶
No.4430	0.16	0.13	10.9	55.3	400	10 ¹⁶
No.4430 (Black)			10.6	51.3	380	10 ⁶

Applications

- Filler for various types of products; wrapping of slide surfaces/guide rails of label applicators.
- Wrapping of slide surfaces/guide rails of automatic vending machines.
- Washer lining.

Structure



Self-fusing tape No.11 / No.15 / No.66 / No.660

Rubber-based self-fusing tapes that have excellent electrical properties.

No.11, 15 are butyl rubber self-fusing tapes that do not cause metal corrosion. No.66, 660 are silicone rubber type self-fusing tapes that are heat and weather resistant.

Features

- Excellent in the electrical property, ozone resistance and weather resistance
- Do not cause metal corrosion (No.11, 15)
- Excellent heat resistance (No.66, 660)

Applications

- Treating/connecting the ends of electrical cables. (No.11, 15)
- Insulation banding for wire harness in the engine area of the car. (No.66, 660)

Properties

Product No.	Thickness (mm)*	Width (mm)	Standard length (m)	Color	Tensile strength (N/19mm)	Elongation (%)	Breakdown voltage (kV)
No.11	0.5	19	10	Black	30	500	20
No.15	0.5	19	10	Black	30	500	20
No.66	0.5	19, 25	15	Red brown	70	500	20
No.660	0.22	19	15	Red brown	25	400	13

*Excluding the release liner

Structure

