



Color & Comfort



PRODUCT GUIDE

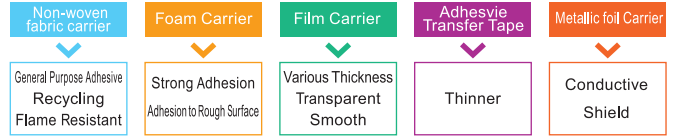
INDUSTRIAL ADHESIVE TAPES

DAITAC® 2025

DIC Corporation

DAI TAC High Performance Double-Coated Adhesive Tape

DIC offer industrial adhesive tapes that meet various needs based on synthetic and coating technologies mainly for the electronics and automotive fields.



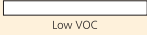
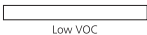
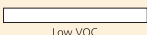

Double-Coated Non-Woven Fabric Adhesive Tapes

| Feature | Product Code | Liner Color Sample | Adhesive Force (N/20mm) | Thickness(mm) | Adhesive Substrate | Application | Max Width/Std Length | |
|-------------------------|----------------|--------------------|-------------------------------|---------------|--|--|--|------------|
| Removable Type | #8800CH | | 15.2 | 0.145 | Acrylic-based | <ul style="list-style-type: none"> A recyclable tape that utilizes a strong adhesive which peels easily, without leaving adhesive residue for recycling. Good for strong substrate, workability and removable property. Excellent repulsion resistance and durability. ★UL969 (File No:MH12834) ※With prints product name on release paper | 1000mm/50m | |
| | #8800CHW | | | | | | 1060mm/50m | |
| | #8100CH | | 12.0 | 0.10 | Acrylic-based | | <ul style="list-style-type: none"> A recyclable tape with high intensity non-woven that utilizes a strong adhesive which peels easily, without leaving adhesive residue for recycling. •Excellent repulsion resistance and durability. | 1000mm/50m |
| | #8800DR | | 15.2(inward) 10.0(outward) | 0.145 | Acrylic-based Strong Adhesive Acrylic-based Removable | | <ul style="list-style-type: none"> A tape that combining strong adhesion excellent for urethane foam and removable adhesion that restrain adhesion aging. Double-coated tape that utilizes different adhesive force. | 1000mm/50m |
| General Type | #810HD | | 15.2 | 0.145 | Acrylic-based | <ul style="list-style-type: none"> Used for a variety of electrical, automobile, architectural, material and general purpose products. •Excellent repulsion resistance and durability. ★#810HD is approved UL969 (File No:MH12834) ※With prints product name on release paper ※There is also black adhesion type tape named 810HD Black | 1060mm/50m | |
| | #815GT | | 13.7 | 0.14 | Acrylic-based | <ul style="list-style-type: none"> •Suitable for every kind of urethane foam, felt, metal, plastic and other adherend. ★UL969 (File No:MH12834) | 1060mm/50m | |
| | #815AT | | 14.0 | 0.10 | Acrylic-based | <ul style="list-style-type: none"> •Suitable for various use such as fixing urethane foam, felt, nameplate and other adherend. | 1060mm/50m | |
| Shock Resistance | #8810SA-160S | | 15.2 | 0.16 | Acrylic-based | <ul style="list-style-type: none"> •Excellent shock resistance. Overall performance for a wide range of bonding applications of interior and exterior parts for mobile phone. •Excellent adhesion on UV-coated surface. ※With prints on release paper | 1200mm/50m | |
| | #8810SA-200S | | 17.0 | 0.20 | | | | |
| | #8810SA-BLACKS | | 15.2 | 0.16 | | | | |
| Low Polarity Resistance | #8840ER | | 29.4 | 0.135 | Synthetic Rubber-based | <ul style="list-style-type: none"> •Excellent performance to various metals and plastics. •Also, suitable for rubbers, PE/PP products which are hard to adhere. ※Caution: Adhesion to rubber materials may decrease with age due to the migration of chemicals within the rubber. Make sure to check chemical migration in advance before using this product. ※With prints on release paper | 1060mm/50m | |
| | #8840ERS-200 | | 34.0 | 0.20 | | | | |
| Low VOC | #8810TDR | | 15.0 | 0.14 | Acrylic-based (non-Toluene) | <ul style="list-style-type: none"> •No indoor air pollutants designated by the MHLW Guidelines, including Toluene and Xylene that could create sick building syndrome are used in raw materials. •Recyclable tape that utilizes a strong adhesive which peels easily without leaving adhesive residue for recycling. •Superb repellency-resistance, durability, strong carrier for dimension stability. | 1000mm/50m | |
| | #810TB | | 15.2 | 0.135 | Acrylic-based (non-Toluene/Black) | <ul style="list-style-type: none"> •No indoor air pollutants designated by the MHLW Guidelines, including Toluene and Xylene that could create sick building syndrome are used in raw materials. •Used for electrical automobile, architectural material and general purpose products. •Superb repellency-resistance, durability, strong carrier for dimension stability. | 1060mm/50m | |
| | AD-140E | | 15.0 | 0.14 | Acrylic-based | <ul style="list-style-type: none"> •Non-solvent adhesive which reduces VOC and odor. •No indoor air pollutants designated by the MHLW Guideline are used in raw materials. •Used for bonding to foam, felt, nameplate, etc. ※With prints on release paper | 1030mm/50m | |
| Flame Resistance | #8810NR-TD | | 12.7 | 0.155 | Acrylic-based (non-Toluene/Flame Resistant) | <ul style="list-style-type: none"> •Environmentally friendly flame resistant double-coated tape which does not use halogen-based flame retardant. Toluene and Xylene are not used in the raw materials. •Excellent repellency-resistance and durability. ★UL94-VTMO Approved [File No:E130059] ※With prints product name on release paper | 1000mm/50m | |
| Heat Resistance | #8180 | | 13.2 | 0.14 | Acrylic-based | <ul style="list-style-type: none"> •Heat resistant to 150°C. •Excellent heat and shear resistant adhesive for high temperature applications. Excellent durability when used with heat resistant non-woven fabric. Non-Yellowing adhesive formulation. •Suitable for high temperature applications which are near a heat source. | 1000mm/50m | |




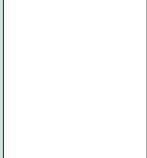
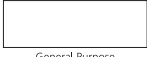


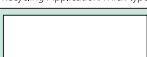

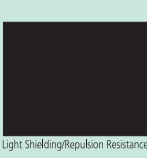




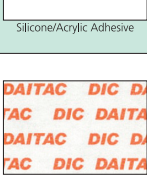
Double-Coated Foam Adhesive Tapes

| Feature | Product Code | Liner Color Sample | Adhesive Force (N/20mm) | Thickness(mm) | Adhesive Substrate | Application | Max Width/Std Length |
|-----------------|----------------|--------------------|------------------------------|---------------|--------------------|---|---|
| Waterproof Tape | #8402BLACK-150 | | 15.0 | 0.15 | Acrylic-based | <ul style="list-style-type: none"> • Strong adhesive foam tape using special foam that performs high conformability. • Excellent adhesive and waterproof tape. Suitable for fixing parts in mobile equipment. | 980mm/50m |
| | #8402BLACK | | 15.0 | 0.20 | | | |
| | #84010BLACK | | 10.0 | 0.10 | | | |
| | #84015BLACK | | 15.0 | 0.15 | | | |
| | #84020BLACK | | 15.0 | 0.20 | | | |
| | #84025BLACK | | 18.0 | 0.25 | | | |
| | #84030BLACK | | 20.0 | 0.30 | | | |
| | NDS300 | | 18.0 | 0.30 | | 860mm/50m | |
| Foam + PET film | SCW900 | | 7.5(inward) 11.0(outward) | 0.9 | Acrylic-based | <ul style="list-style-type: none"> • Strong adhesive foam tape using special foam that performs high conformability and removability. • Excellent reworkability. | 980mm/30m |
| | Thick Coating | #8404BLACK | | 19.6 | 0.4 | Acrylic-based | <ul style="list-style-type: none"> • Strong adhesive foam tape using special foam that performs high conformability. • Performs well to polyolefin and works good for sealing. • Highly performs for shock absorbing. Recommended sealing for fixing Emblem, and other panels. • Suitable for fixing rough surface. |
| #8408BLACK | | | 0.8 | | 960mm/10m | | |
| #8412BLACK | | | 1.2 | | | | |

Values given in the table(s) are examples of laboratory measurements. These values are not guaranteed for any specific application. Please contact us for slit sizes.

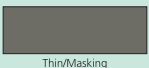
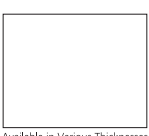



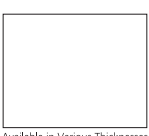



| Feature | Product Code | Liner Color Sample | Adhesive Force (N/20mm) | Thickness(mm) | Adhesive Substrate | Application | Max Width/Std Length |
|-----------------|---------------|---|-------------------------|---------------|-----------------------------|---|----------------------|
| Low VOC | #8402TD-150 |  Low VOC | 15.0 | 0.15 | Acrylic-based (non-Toluene) | •Toluene-free version of 8402Black-150 | 980mm/50m |
| | #8402TD |  Low VOC | 15.0 | 0.2 | Acrylic-based (non-Toluene) | •Toluene-free version of 8402BLACK. | 980mm/50m |
| | #8404TD Black |  Low VOC | 19.6 | 0.4 | Acrylic-based (non-Toluene) | • Toluene-free version of 8404BLACK. | 980mm/30m |
| Strong Adhesion | STA400 |  Strong Adhesive Foam Tape | 18.0 | 0.4 | Acrylic-based (non-Toluene) | • Excellent adhesive and durability tape. | 980mm/50m |

Double-Coated Film Adhesive Tapes

| Feature | Product Code | Liner Color Sample | Adhesive Force (N/20mm) | Thickness(mm) | Adhesive Substrate | Application | Max Width/Std Length | |
|-------------------------------------|------------------------------------|---|---|---------------|--|--|--|------------|
| Ultra Thin | #8602TNW-05 |  | 5.0 | 0.005 | Acrylic-based | •Ultra thin double-coated tape that is less than 10um thick. •Excellent for die-cut processing. •Excellent workability, best suited for attaching graphite and magnetic sheets. Easy peel liner. | 1000mm/ 100-150m Random | |
| | #8603TNW-10 |  Ultra Thin Tape | 8.0 | 0.01 | | | | |
| | #8606TN |  Thin Tape | 7.0 | 0.03 | Acrylic-based | •30um double coated tape. •Excellent for die-cut processing •Good initial adhesion for general purpose attachment and bonding applications. | 1000mm/50m | |
| General Purpose | #8616S |  | 12.0 | 0.06 | Acrylic-based | •Excellent initial adhesion, and heat-resistance. •Suitable for plastics, and films attachment. •Keep dimensions while attaching flexible materials. •Various thicknesses available. Suitable for spacer applications. | 1060mm/50m | |
| | #8625S | | 12.0 | 0.08 | | | | |
| | #8650S | | 12.0 | 0.10 | | | | |
| | #8675S | | 12.0 | 0.125 | | | | |
| | #86100S | | 12.0 | 0.15 | | | | |
| | #86188S | 9.0 | 0.25 | 980mm/50m | | | | |
| | #8616V |  General Purpose | 13.0 | 0.07 | Acrylic-based | •Suitable for every kind of urethane foam, felt, metal, plastic and other adherend. •Keep dimensions while attaching flexible materials. ★UL969 (File No: MH12834) | 1000mm/50m | |
| Removable Type General | #8616CH |  Recycling Application | 13.5 | 0.10 | Acrylic-based | •Strong removable tape without residue remained. •Strong substrate, good for die-cut, and re-fixing. Excellent repellency resistance and durability. | 1000mm/50m | |
| | #86100CH |  Recycling Application/Thick type | 13.0 | 0.19 | Acrylic-based | •Strong removable tape without residue remained. •Keep dimensions while attaching flexible materials. •Because of using 100µm PET film as the base material, it is easy to tear it off from a release paper liner, and provide high tensile strength and dimensional stability. | 1000mm/50m | |
| | #8616TDR |  Recycling Application | 15.0 | 0.10 | Acrylic-based (non-Toluene) | •No indoor air pollutants designated by the MHLW Guidelines, including Toluene and Xylene that could create sick building syndrome are used in raw materials. •Recyclable tape that utilizes a strong adhesive which peels easily without leaving adhesive residue for recycling. | 1000mm/50m | |
| Repulsion Resistance Transparent | FRT30 |  | 9.0 | 0.03 | Acrylic-based | •Designed to prevent lifting of LCD panels by FPC forces. •Excellent adhesivestrength and repulsion resistance. | 1000mm/50m | |
| | FRT50 | | 11.0 | 0.05 | | | | |
| | FRT100 | | 15.0 | 0.10 | | | | |
| | Light shielding | RTS30-S |  | 11.0 | 0.03 | Acrylic-based | •Polyester film is white on one side and black on the other. White side has excellent light reflection characteristics and the black side is non-reflective. •Excellent repulsion resistance. Designed to prevent lifting of LCD panels by FPC forces. •Halogen free tape that does not use any halogenated raw materials. | 1000mm/50m |
| | | RTS50-S | | 11.5 | 0.05 | | | |
| | | RTS60-S | | 13.5 | 0.06 | | | |
| | | RTS85-S | | 16.0 | 0.085 | | | |
| | Strong Adhesion Light shielding | #8616UJ-50 |  | 13.0 | 0.05 | Acrylic-based | •Double-coated adhesive tape featuring ultra-high adhesion. •Designed to attach and bond backlight and liquid-crystal displays. •Antistatic treatment of release film prevents static attraction. | 1000mm/50m |
| #8625UJ | | 20.0 | | 0.10 | 1000mm/50m | | | |
| #8616UJ Black-50(N) | |  | 13.0 | 0.05 | Acrylic-based | •Light shielding double-coated adhesive tape featuring ultra-high adhesion. •Designed to attach and bond backlight and liquid-crystal displays. •Antistatic treatment of release film prevents static attraction. •Halogen free tape that does not use any halogenated raw materials. | 1000mm/50m | |
| #8625UJ Black(N) | | | 20.0 | 0.10 | | | | |
| single-side removable | #8612DFT |  Light Shielding/Strong Adhesion | 11.0(inward) 10.0(outward) | 0.10 | Acrylic-based Strong Adhesive Acrylic-based Removable | •Tape combined with removable/permanent adhesive. •Tape can be used for surfaces that will be recycled since removable side will not leave adhesive residue on most substrates. •Best suited for attaching POP. | 980mm/50m | |
| single-side silicon adhesion | #8625HPW |  Silicone/Acrylic Adhesive | 10.8(inward) 9.8(outward) | 0.10 | Acrylic-based Silicone Adhesive | •A silicone side/acrylic side double coated tape. •Silicon side designed to bond to silicone rubber as well as UV coated surfaces. ※Silicone rubbers may vary depending on chemistry and manufacturing processes. Please confirm performance before specifying tape product. | 1000mm/50m | |
| Low Polarity Resistance | #8625ER-140 |  DAITAC DIC DI AC DIC DAITA DAITAC DIC DI AC DIC DAITA Strong Adhesive/Rubber+PP | 29.0 | 0.14 | Synthetic Rubber-based | •Excellent performance to various metals and plastics. •Also, suitable for rubbers, PE/PP products which are hard to adhere. •Good for die-cutting. ※With prints on released paper | 1060mm/50m | |

Values given in the table(s) are examples of laboratory measurements. These values are not guaranteed for any specific application. Please contact us for slit sizes.

Single-Coated Film Adhesive Tapes

| Feature | Product Code | Liner Color Sample | Adhesive Force (N/20mm) | Thickness(mm) | Adhesive Substrate | Application | Max Width/Std Length | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|-------------------------------|--|----------------------------------|---------------|---|--|----------------------------|------------|---------|---|------|------|------------------|---|------------|---------|------|-------|---------|------|------|---------|----------------------------------|------|-------|-------|---|-----|------|---------------|---|-----------|--------|-------------------------------|-----|------|---------------|---|-----------|-----------------|------------|---|-----|------|--------------------------|--|------------|------------|------|------|---|-----------|---------|------|-------|---|-----------|-----------------|-------------------|----------------------------|-----|------|------------------|---|-------------|------------------------|-----------------|-----|------|------------------|---|-------------|-----------------|-------------|--|-------------------------|-------|------------------|
| Thin Masking | IL-05G |  | 3.5 | 0.005 | Acrylic Adhesive | <ul style="list-style-type: none"> Ultra thin and good adhesion. Recognizable black tape. Good visibility with black color. | 1000mm/ 100-150m Random | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | IL-10G | | 4.5 | 0.01 | | | | Insulating | PF-025H |  | 14.0 | 0.06 | Acrylic Adhesive | <ul style="list-style-type: none"> PET substrate adhesion tapes that good smoothness and transparent quality. Excellent heat resistance. PET carrier tapes are approved under UL94-VTM2. | 1000mm/50m | PF-050H | 17.6 | 0.085 | PF-075H | 17.6 | 0.11 | PF-100H | Available in Various Thicknesses | 19.1 | 0.135 | HRT30 |  | 3.0 | 0.03 | Acrylic-based | <ul style="list-style-type: none"> Tape consist of a 25µm polyimide carrier with a high heat resistant acrylic adhesive. Excellent heat resistance and Good electrical insulating properties. | 980mm/50m | PI-025 | Polyimide/High-Heat Resistant | 9.8 | 0.05 | Acrylic-based | <ul style="list-style-type: none"> Tape consist of a 25µm polyimide carrier with a high heat resistant acrylic adhesive. Suitable liner for good workability. Designed for applications requiring insulation and high heat resistance. ★UL510FR Approved (File No: E167390) | 980mm/50m | Light Shielding | LS-016H(N) |  | 6.0 | 0.03 | Acrylic Adhesive (Black) | <ul style="list-style-type: none"> Excellent for light shielding. Consisting of Black PET carrier and black adhesive. Excellent for adhesion and light shielding characteristics in a thin tape. Halogen free tape, utilizes no halogenated compounds. ※PET carrier it self is transparent (black coated). Lighting may transmit horizontally. | 1000mm/50m | LS-025H(N) | 11.0 | 0.05 | <ul style="list-style-type: none"> Excellent for light shielding. Consisting of black pasted PET carrier and black adhesive. Excellent for adhesion and light shielding characteristics. Halogen free tape, utilizes no halogenated compounds. | 960mm/50m | LS-050H | 12.0 | 0.075 | <ul style="list-style-type: none"> Excellent for light shielding. Consisting of black pasted PET carrier and black adhesive. Excellent for adhesion and light shielding characteristics. Halogen free tape, utilizes no halogenated compounds. | 960mm/50m | Protection film | PACHICUT PET50SER | Antistatic/Protection Film | 0.1 | 0.07 | Acrylic Adhesive | <ul style="list-style-type: none"> Can be used as a protection film. Film can be removed. PET carrier provides good workability. | 1090mm/100m | SOFTACK PO CLEAR 80SER | Protection Film | 0.2 | 0.10 | Acrylic Adhesive | <ul style="list-style-type: none"> Protection film for display and others. No residues would be seen. Flexible polyolefin substrate ables to conform rough surface. UV and offset printing on polyolefin film is possible. | 1090mm/100m | Anti-Shattering | HC1100SF-TP |  | 6.0 (to tempered glass) | 0.094 | Acrylic Adhesive |
| Insulating | PF-025H |  | 14.0 | 0.06 | Acrylic Adhesive | <ul style="list-style-type: none"> PET substrate adhesion tapes that good smoothness and transparent quality. Excellent heat resistance. PET carrier tapes are approved under UL94-VTM2. | 1000mm/50m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PF-050H | | 17.6 | 0.085 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PF-075H | | 17.6 | 0.11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PF-100H | | Available in Various Thicknesses | 19.1 | | | | | 0.135 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | HRT30 |  | 3.0 | 0.03 | Acrylic-based | <ul style="list-style-type: none"> Tape consist of a 25µm polyimide carrier with a high heat resistant acrylic adhesive. Excellent heat resistance and Good electrical insulating properties. | 980mm/50m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PI-025 | Polyimide/High-Heat Resistant | 9.8 | 0.05 | Acrylic-based | <ul style="list-style-type: none"> Tape consist of a 25µm polyimide carrier with a high heat resistant acrylic adhesive. Suitable liner for good workability. Designed for applications requiring insulation and high heat resistance. ★UL510FR Approved (File No: E167390) | 980mm/50m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Light Shielding | LS-016H(N) |  | 6.0 | 0.03 | Acrylic Adhesive (Black) | <ul style="list-style-type: none"> Excellent for light shielding. Consisting of Black PET carrier and black adhesive. Excellent for adhesion and light shielding characteristics in a thin tape. Halogen free tape, utilizes no halogenated compounds. ※PET carrier it self is transparent (black coated). Lighting may transmit horizontally. | 1000mm/50m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | LS-025H(N) | | 11.0 | 0.05 | | <ul style="list-style-type: none"> Excellent for light shielding. Consisting of black pasted PET carrier and black adhesive. Excellent for adhesion and light shielding characteristics. Halogen free tape, utilizes no halogenated compounds. | 960mm/50m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | LS-050H | | 12.0 | 0.075 | | <ul style="list-style-type: none"> Excellent for light shielding. Consisting of black pasted PET carrier and black adhesive. Excellent for adhesion and light shielding characteristics. Halogen free tape, utilizes no halogenated compounds. | 960mm/50m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protection film | PACHICUT PET50SER | Antistatic/Protection Film | 0.1 | 0.07 | Acrylic Adhesive | <ul style="list-style-type: none"> Can be used as a protection film. Film can be removed. PET carrier provides good workability. | 1090mm/100m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | SOFTACK PO CLEAR 80SER | Protection Film | 0.2 | 0.10 | Acrylic Adhesive | <ul style="list-style-type: none"> Protection film for display and others. No residues would be seen. Flexible polyolefin substrate ables to conform rough surface. UV and offset printing on polyolefin film is possible. | 1090mm/100m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Anti-Shattering | HC1100SF-TP |  | 6.0 (to tempered glass) | 0.094 | Acrylic Adhesive | <ul style="list-style-type: none"> Fingerprints and oils will removed easily from hard-coated film surface. Hard coated adhesive film will protect glass surface on electronic mobile devices and prevent glass from shattering. Excellent optical clarity and posses the highest standard of pencil hardness. (2-3H/with adhesive) Protective film is used on Hard coated PET film. | 960mm/ 100m-150m Random | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | HC2120SF-TP | | 6.0 (to tempered glass) | 0.12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Adhesive Transfer Tapes

| Feature | Product Code | Liner Color Sample | Adhesive Force (N/20mm) | Thickness(mm) | Adhesive Substrate | Application | Max Width/Std Length |
|-------------------------|--------------|-------------------------------|-------------------------|---------------|---|---|----------------------|
| Heat Resistance | #8080 | High Heat Resistance | 10.3 | 0.06 | Acrylic-based | <ul style="list-style-type: none"> Heat resistant adhesive transfer tape. Heat resistant to 150°C. Good workability. Suitable for various applications; including nameplate, general industrial surfaces and high heat requirements. ★UL969 Approved (File No:MH12834) | 1000mm/50m |
| Flame Resistance | #8080NR | Flame Resistance/Halogen Free | 10.0 | 0.05 | Acrylic-based (Flame Resistance) | <ul style="list-style-type: none"> Environmentally friendly flame resistant transfer tape which does not use halogen - based flame retardant. Excellent for bonding applications requiring a flame retardant adhesive system. ★UL510FR Approved (File No: E167390) | 1000mm/50m |
| Electrically Conductive | #8035N | Thin/Electrically Conductive | 7.0 | 0.03 | Acrylic-based (Electrically Conductive) | <ul style="list-style-type: none"> Electrically conductive adhesive transfer tape. Designed for bonding applications requiring conductivity. | 1000mm/50m |

High Transparency Adhesive Transfer Tapes


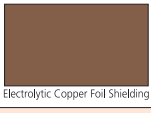


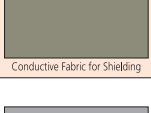


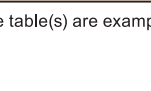

| Feature | Product Code | Liner Color Sample | Adhesive Force (N/20mm) | Thickness(mm) | Adhesive Substrate | Application | Max Width/Std Length |
|-------------------|--------------|--|-------------------------|---------------|--------------------|---|---------------------------|
| High Transparency | ZB7011W | Optically Clear Adhesive Transfer Tape | 11.0 (to glass) | 0.025 | Acrylic-based | <ul style="list-style-type: none"> Excellent Transparency. Resists outgassing from plastic substrates. Excellent processability. | 980mm/ 100-150m Random |
| | ZB7012W | | 11.0 (to glass) | 0.05 | | | |

Double Coated, Metal Foil Adhesive Tapes

| Feature | Product Code | Liner Color Sample | Adhesive Force (N/20mm) | Thickness(mm) | Adhesive Substrate | Application | Max Width/Std Length |
|-------------------------|--------------|---|-------------------------|---------------|---|---|----------------------|
| Electrically Conductive | #8520FDW-50 | Electrically Conductive / Fabric | 9.0 | 0.05 | Acrylic-based (Electrically Conductive) | <ul style="list-style-type: none"> Double coated tape using conductive fabric as a carrier. Excellent flexibility that suits for applying bending usage and fixing rough surface. Suitable for fixing the parts requiring high conductivity and shielding. | 1000mm/50m |
| | #8530AD | Electrically Conductive / Aluminum Foil Carrier | 9.8 | 0.09 | Acrylic-based (Electrically Conductive) | <ul style="list-style-type: none"> Electrically conductive double coated tape using aluminum foil. Recommend to use in adhesion parts requiring high electrical conductivity, heat dissipation and shielding. | 1000mm/50m |

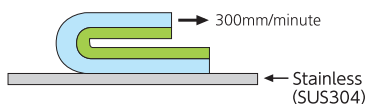
Values given in the table(s) are examples of laboratory measurements. These values are not guaranteed for any specific application. Please contact us for slit sizes.

Single Coated, Metal Foil Adhesive Tapes

| Feature | Product Code | Liner Color Sample | Adhesive Force (N/20mm) | Thickness(mm) | Adhesive Substrate | Application | Max Width/Std Length |
|---|----------------|--|---|---|---|---|----------------------|
| Shielding | Copper Foil |  | 16.7 | 0.04 | Acrylic Adhesive | <ul style="list-style-type: none"> A thin shielding tape that uses 18um electrolytic copper foil as a carrier. Excellent repulsion resistance and durability. Use this tape for electromagnetic wave shielding, heat radiation and grounding. | 1000mm/50m |
| | |  | 17.6 | 0.07 | Acrylic Adhesive | <ul style="list-style-type: none"> A shielding tape that uses 35um electrolytic copper foil as a carrier. Excellent repulsion resistance and durability. Use this tape for electromagnetic wave shielding, heat radiation and grounding. ★UL510FR Approved (File No.:E167390) | 1000mm/50m |
| | |  | 12.0 | 0.065 | Acrylic-based (Electrically Conductive) | <ul style="list-style-type: none"> A shielding tape that uses 35um electrolytic copper foil as a carrier with electrically conductive adhesive. Excellent repulsion resistance and durability. Use this tape for electromagnetic wave shielding, heat radiation and grounding. ★UL510FR Approved (File No.:E167390) | 500mm/50m |
| | |  | 12.8 | 0.065 | Acrylic-based (Electrically Conductive) | <ul style="list-style-type: none"> A shielding tapes that uses electrolytic copper foil as a carrier with electrically conductive adhesive. Variety of thickness are available. Excellent repulsion resistance and durability. Use this tape for electromagnetic wave shielding, heat radiation and grounding. | 1000mm/50m |
| Shielding | Aluminium Foil |  | 9.0 | 0.025 | Acrylic-based (Electrically Conductive) | <ul style="list-style-type: none"> Single coated tape using conductive fabric as a carrier. Excellent flexibility that suits for applying bending usage and fixing rough surface. Use this tape for electromagnetic wave shielding, heat radiation and grounding. | 1000mm/50m |
| | |  | 17.6 | 0.095 | Acrylic Adhesive | <ul style="list-style-type: none"> A shielding tape that uses soft aluminum foil as a carrier. Use this tape for electromagnetic wave shielding and heat radiation. ★UL510FR Approved (File No.:E167390) | 1000mm/50m |
| | |  | 19.6 | 0.125 | | | |
| | |  | 19.6 | 0.145 | | | |
|  | 14.7 | 0.08 | Acrylic-based (Electrically Conductive) | <ul style="list-style-type: none"> A shielding tape that uses 50um soft aluminum foil as a carrier with electrically conductive adhesive. Excellent durability, Performs well for stainless steel. Use this tape for electromagnetic wave shielding, heat radiation and grounding. ★UL510FR Approved (File No.:E167390) | 1000mm/50m | | |

Values given in the table(s) are examples of laboratory measurements. These values are not guaranteed for any specific application. Please contact us for slit sizes.

Adhesive Force



Preparation : Laminate the double-coated adhesive tape with 25um PET.
 Attachment : Temporarily attach the tape to the surface and apply pressure in back and forth motion with 2kg roller.
 Dwell : Leave the tape for one hour under the condition of 23 °C and 50%RH.
 Measurement : Measure the strength when the tape is peeled off at a speed of 300mm/min, in the 180°degree angle under the condition of 23 °C and 50%RH.

[Method for Confirming the Details of UL Approval]

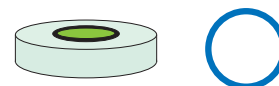
- 〈UL969:MH12834〉 〈UL94:E130059〉 〈UL510 : E167390〉
- Go to the UL Web Site on the internet.<http://www.ul.com/>
→ UL Web Site TOP page
 - Move to the Search service page Click [Online Certifications Directory]
→ To Search TOP page
 - Choose the search criteria(for searching by specific File No.) Click UL File Number
→ To File No.entry page
 - Enter MH12834 or E130059 or E167390 in the box. Click Search
→ Display of search result
 - Display the details Click PGGU2.MH12834 Click QMFZ2.E130059 Click OANZ2.E167390
→ Display of the details
 - Check the target materials Scroll the window to find the material
→ Completion of check

Caution, when Considering Tapes

| Type of Adherend | Description |
|---------------------|---|
| PP・PE | ...Because of weak surface tension, adhesion is not easy. |
| PVC | ...The adhesive agent will be plasticized due to movement of the plasticizing agent. |
| Rubber | ...Various adhesives will detrimentally affect the adhesive agent, Pre-evaluation should be done. |
| Foam | ...The adhesion area will decrease due to the porous nature and coarse surface. |
| Mortar | ...Influence by the porous nature and alkali ingredients. |
| Tile | ...Usage in a place where water frequently leaks(water resistance, moisture resistance). |
| Glass | ...The adhesive agent will deteriorate from exposure to direct sunlight(UV rays). |
| Antifouling coating | ...Adhesion is not easy because of silicone-based/fluorinated additives. |

Precaution for Attaching and Storing the Tape

- The attachment temperature should be around 20°C.
- Remove moisture, dust, oil and release agent from the surface.
- Apply sufficient pressure on the tape after attaching it.
- Keep the tape in a polyethylene bag at room temperature, avoiding direct sunlight.
- Keep the tapes horizontally in stack.



• Critical Surface Tension of Plastics (dyne/cm²)

| PET | PVC | Polystyrene | PP | PE | Flourine Resin | Silicon Resin |
|-----|-----|-------------|----|----|----------------|---------------|
| 46 | 39 | 37 | 28 | 22 | 18.5 | 18 |

Easier to Adhere ← → Harder to Adhere

Safety Precautions

1. Handling

- Each adhesive tape is designed for specific applications depending on individual specifications. Be sure to choose the one appropriate for your needs.
- Adhesive tape is combustible and contains a very small amount of ignitable ingredients. Keep the tape away from ignition sources and handle in a working environment where the necessary ventilation devices are installed.
- Adhesive tape may cause irritation when contacting the skin or the eyes. Be sure to wear adequate protective gear such as gloves and glasses.
- To prevent static charges, be sure to implement antistatic measures, including installation of an adequate static electricity removal device where static charges from processing machines are likely to be generated.
- Scraps from products (release paper, in particular) are slippery, which may cause falling accidents. Do not put chips in walking zones.

2. Storage

- Keep the tape in a well-ventilated, cool, dark place, away from direct sunlight, and stack vertically. Never bring objects that could be the sources of ignition close to the tape.
- Extra tape after use should be re-packaged in a polyethylene bag and not exposed to outside air.
- The first-in and first-out management must be strictly maintained to ensure the use of previously manufactured goods. This will ensure materials will be in good condition when used.

3. First Aid Measures

- Skin contact: Remove the tape from the skin and rinse skin with water and water-based soap. In addition, if problems such as infection are noted on the skin, seek medical treatment by a medical specialist as soon as possible.
- If swallowed: Immediately induce vomiting. If the victim feels sick, seek medical treatment by a medical specialist as soon as possible.
- Eye contact: Flush the eyes with clean cold water. If the victim feels sick, seek immediate medical treatment by a medical specialist as soon as possible.

Notice

- The data stated in this pamphlet are based on the data obtained through our tests and tests that are believed to be reliable. The data, however, are examples quoted for reference, and are not guaranteed values. Users are requested to use the products after checking that they are suitable for your applications.
- The product specifications stated in this pamphlet are subject to change without prior notice. If you are using the product for the first time, be sure to contact the following addresses before using the product.
- Users are requested to understand that we do not guarantee that the products will not infringe on the industrial property rights of third parties concerning the use or the application of products stated in this pamphlet.

Users are also requested to take adequate treatment according to actual usage of their own handling methods, etc.

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Please check the website with the QR code for the latest product information.
https://www.dic-global.com/en/products/adhesive_tapes/