

■ INDUSTRIAL GRAPHICS

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APPLICATIONS

OUTDOOR DURABLE

USES: Decorative Nameplates, Overlays, Logos, Warning/Caution Labels

FINISHES: Polycarbonate, Polyester, Vinyl, Poly Domes

TEMPERATURE RATING: -40°F to 275°F based on finishing material

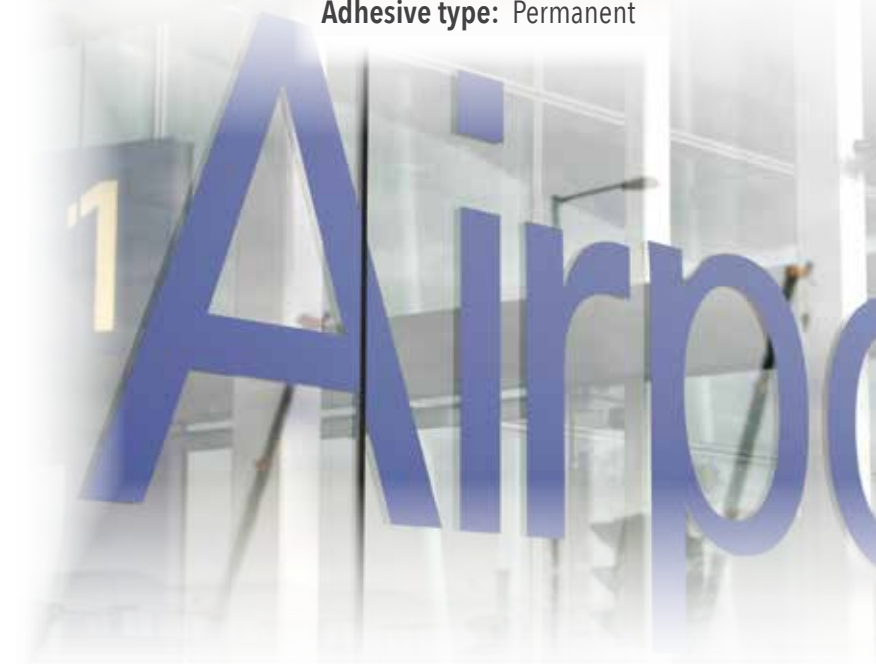
CHEMICAL RESISTANCE: Varies depending on material selection

APPLICATION: Product Branding and Durable Goods (Safety and Instruction Label)



MATERIAL COMPOSITION

Overlaminates: Various
Facestock: Various
Print method: Various
Adhesive type: Permanent



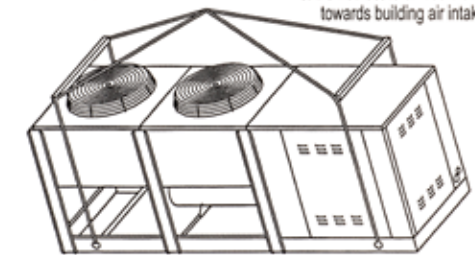
IMPORTANT

RIGGING AND HANDLING

1. Remove lag screws that hold unit to skid. This will free unit from skid.
2. Rig unit as shown. Use spreader bar to protect cabinet.
3. Avoid rough handling and shock to the unit.
4. See table for unit weight.

LOCATION AND MOUNTING

1. If possible locate units over or outside of utility areas, corridors or auxiliary spaces to reduce the transmission of sound and vibration to occupied spaces.
2. Use vibration isolators if unit must be mounted where transmission of sound or vibration is of concern.
3. Install roof-mounted units on steel channels or I-beams to support the unit above the roof.
4. For ground level installations, concrete slab with footings extending below the frost line is recommended.
5. Provide at least 4 feet of clearance on the air inlet and discharge sides of the unit.
6. Do not attach ductwork to coil inlet or fan outlets.
7. Avoid conditions that could cause air recirculation such as sight screening, walls, etc.
8. Do not locate unit so that air discharge is towards building air intakes.



STANDARD

CONDENSING UNIT MODEL NUMBERS	1200L	1500D 1500L	2000D 2200L	2500D 2700L	2600D	3000D 3000L	3500D	4000D
UNIT WEIGHT (LBS)	1760	1800	1880	1965	2070	2170	2650	2760

OVERSIZE

CONDENSING UNIT MODEL NUMBERS	1201L 1501D	1501L 2001D	2201L 2501D	2701L	3001L 3001D	3501D	4001D
UNIT WEIGHT (LBS)	1980	2160	2280	2370	2460	3160	3260

APPLICATIONS

WARNING AND CAUTION LABELS

USES: ANSI Labels, Safety Signage

FINISHES: Matte, Semi-Gloss, Gloss

TEMPERATURE RATING: -40°F to 275°F based on finishing material

CHEMICAL RESISTANCE: Enhanced Chemical and Scratch Resistance

ANSI COLORS: Examples include Red PMS 485C, Orange PMS 152C, Yellow PMS 109C, Blue PMS 2945C, Green PMS 3415C

APPLICATION: Durable Goods, Safety Labels

MATERIAL COMPOSITION

Overlamine: Polyester
 Facestock: White Polyester
 Print method: Digital
 Adhesive type: Permanent

WARNING

STRONG MAGNET!

- Can be harmful to pacemaker wearers and others with medical implants.
- Stay clear!
- Keep tools and other metal objects away. This magnet is strong enough to pull them out of your hand or can cause you to lose your balance and fall.
- To avoid damage, keep magnetic media such as computer disks, credit cards and tapes away.

Failure to follow this warning can result in serious injury.

WARNING

ELECTRIC SHOCK HAZARD.

This equipment is to be serviced by trained personnel only.

WARNING

Pinch point.

Keep hands clear during operation.

APPLICATIONS

TAMPER EVIDENT

USES: Security Labeling

POLYESTER: Gloss White, Gloss Silver

FINISHES: Polyester, Thermal Polyester, Polycarbonate. All finishes available in Matte and Gloss.

DESTRUCTIBLE VINYL: White

FINISHES: Destructible Vinyl is not laminated

TEMPERATURE RATING (POLYESTER): -40°F to 275°F based on finishing material

CHEMICAL RESISTANCE: Enhanced chemical resistance, including gasoline

APPLICATION: Security Labels (Holograms, Tamper-Evident, Serialized, Destructible, or combination of any)

MATERIAL SAMPLE



MATERIAL COMPOSITION

Overlamine: N/A
 Facestock: Polyester
 Print method: Thermal
 Adhesive type: Permanent

MATERIAL COMPOSITION

Overlamine: N/A
 Facestock: White Vinyl
 Print method: Thermal
 Adhesive type: Permanent

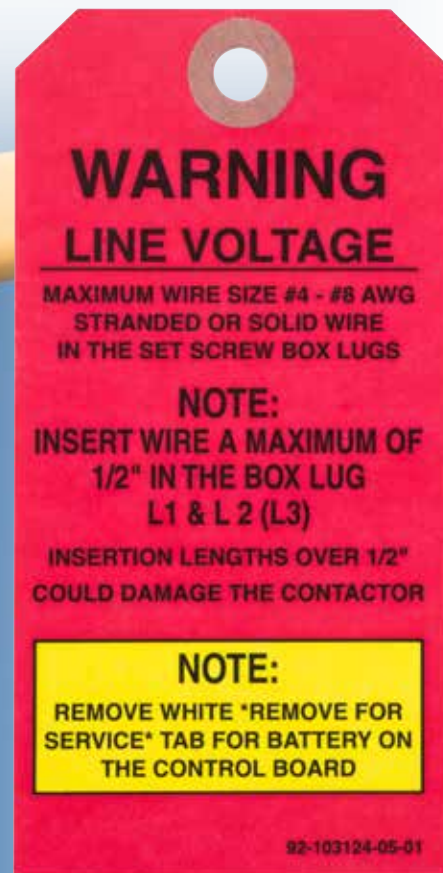
APPLICATIONS

NON-ADHESIVE TAGS

USES: Outdoor Banners, Long-Term Applications

APPLICATION: Installation Information, Safety Information, Durable Goods (Safety Label, Instruction Label, etc.)

MATERIALS: Available in both Card Stock (Paper) and Film Materials. Film is typically used in Durable Applications.



MATERIAL COMPOSITION

Overlamine: N/A
Facestock: Paper
Print method: Thermal
Adhesive type: N/A

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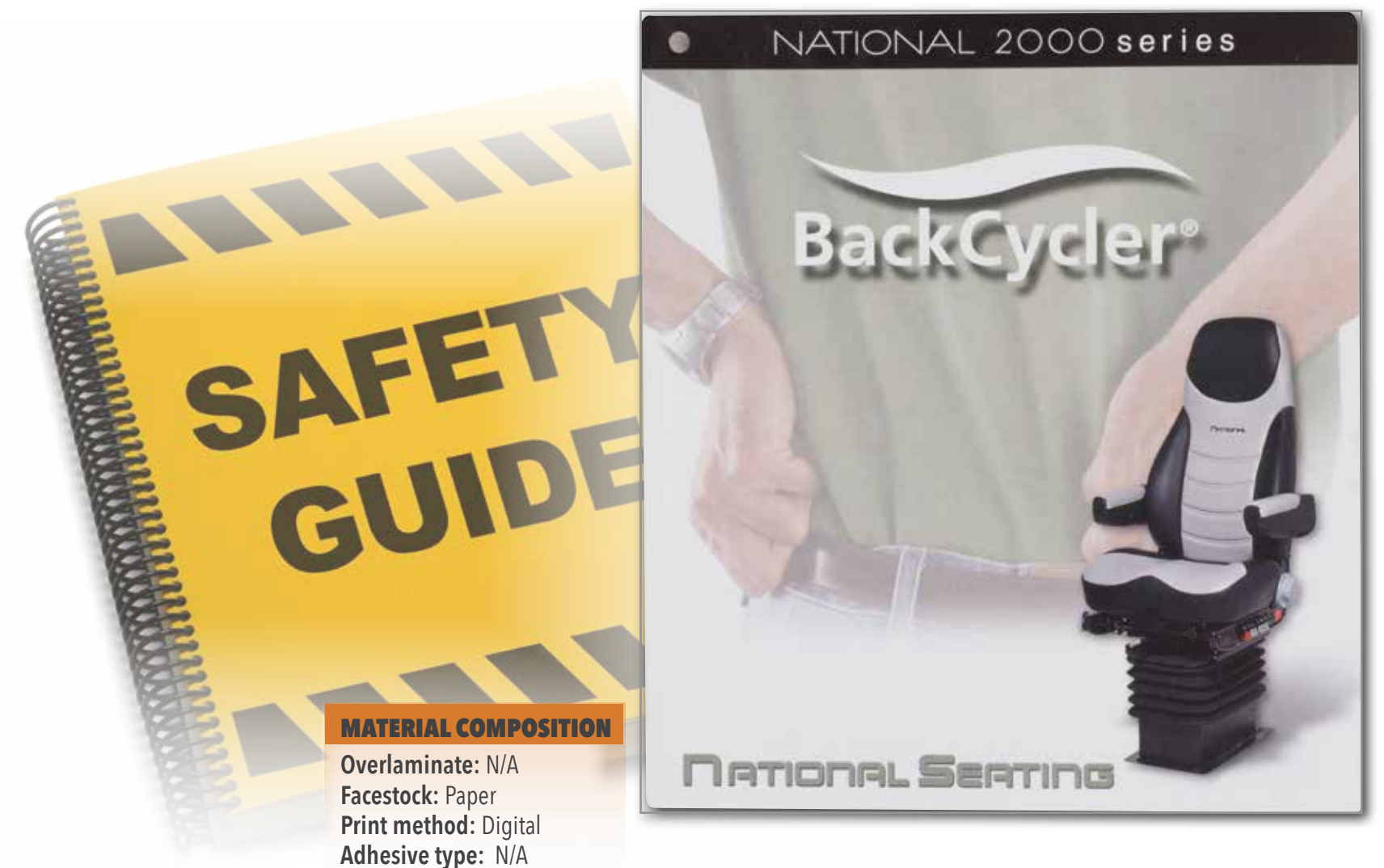
APPLICATIONS

INSTRUCTION BOOKS

PRINTING: Typically printed on paper, however, film options which offer enhanced durability are available. Single-side and double-sided printing available. Typically a two-color process (black and white), however, four-color process options available.

FINISHING: Can be folded or bound (stapled or perfect bound)

APPLICATION: Durable Goods (Safety and Instruction Label)



MATERIAL COMPOSITION

Overlamine: N/A
Facestock: Paper
Print method: Digital
Adhesive type: N/A

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MATERIAL COMPOSITION

POLYCARBONATE / POLYESTER NAMEPLATES

USES: **Polycarbonate** – Decorative Nameplates, Warning/Caution Labels, Information Labels,

Graphic Overlays, Membrane Switches

Finishes Include: Velvet (Matte and Gloss), Gloss, Outdoor Durable

Polyester – Wiring Diagrams, UL Labeling, Warning/Caution Labels

Finishes Include: Matte, Semi-Gloss, Gloss

COLORS: White, Clear

FINISHES: Polyester, Polycarbonate, Outdoor Durable (Matte, Semi-Gloss, Gloss)

TEMPERATURE RATING: -40°F to 275°F based on finishing material

CHEMICAL RESISTANCE: **Polycarbonate** – Resists most household chemicals

Polyester – Excellent for most chemicals, including gasoline

APPLICATION: Product Branding

MATERIAL COMPOSITION

METALLIC NAMEPLATES

USES: Decorative Nameplates, UL Labels, Warning Labels, Long-Term Applications

FINISHES: Matte, Semi-Gloss, Gloss

TEMPERATURE RATING: -40°F to 275°F

based on finishing material

CHEMICAL RESISTANCE: Excellent

chemical resistance,

including gasoline

APPLICATION: Product Branding

MATERIAL COMPOSITION

Overlamine: Polyester

Facestock: White Polyester

Print method: Digital

Adhesive type: Permanent



MATERIAL COMPOSITION

Overlamine: N/A

Facestock: Aluminum

Print method: Screen

Adhesive type: N/A

MATERIAL COMPOSITION

POLY DOME LABELS

USES: Decorative Nameplates, Badging

DOMING MATERIAL: Polyurethane ranging in thickness .045 to .075

TEMPERATURE RATING: -40°F to 170°F based on finishing material

OUTDOOR DURABILITY: 7 - 10 years

CHEMICAL RESISTANCE: Excellent resistance to household chemicals, and gasoline

APPLICATION: Product Branding



MATERIAL COMPOSITION

Overlamine: N/A
Facestock: White Polyester
Print method: Thermal
Adhesive type: Permanent

MATERIAL COMPOSITION

OVERLAYS: EMBOSSED / POLYCARBONATE

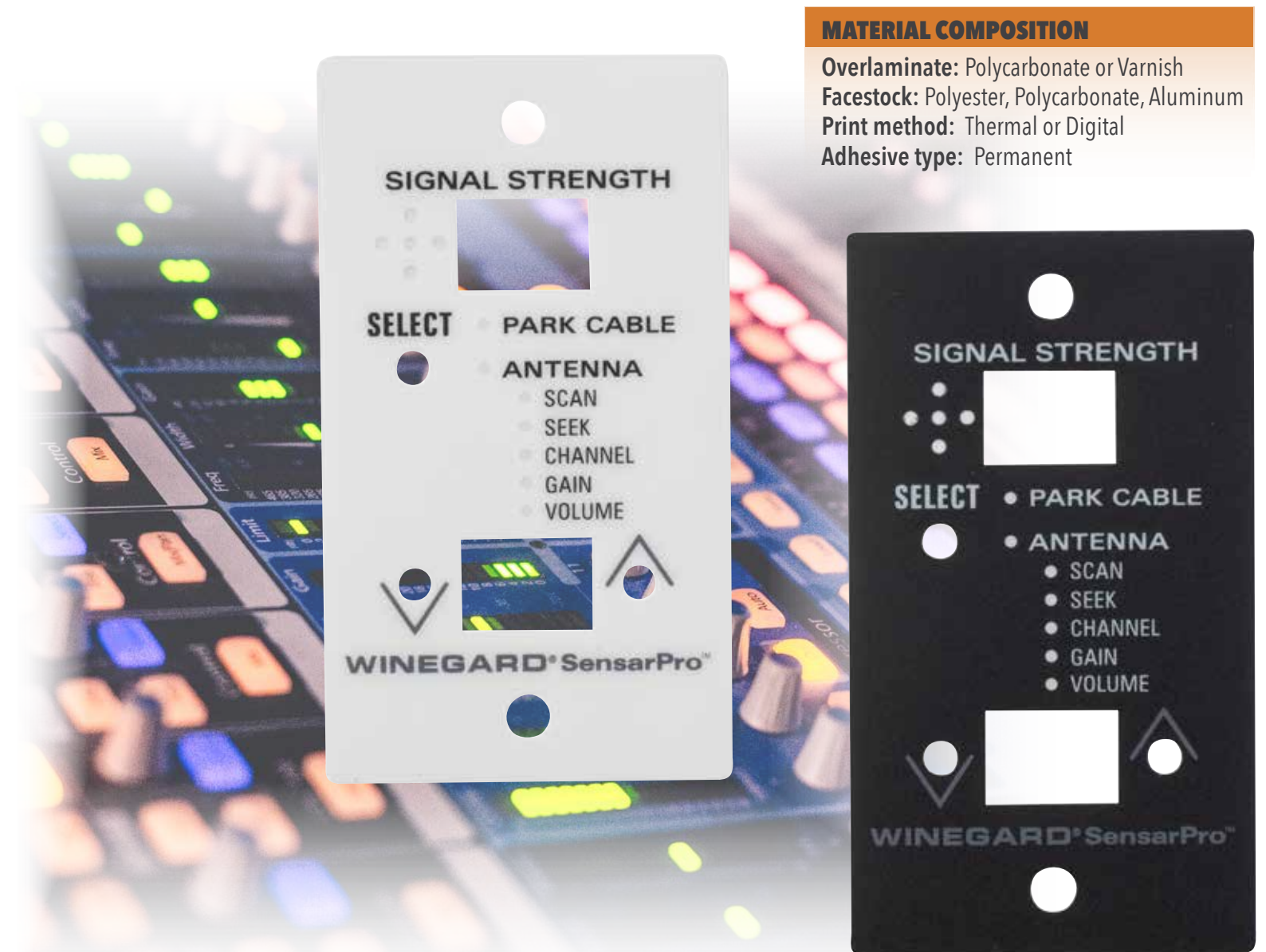
USES: Membrane Switches, Overlays, Decorative Nameplates, LCD Displays

POLYCARBONATE FINISHES: Matte, Semi-Gloss, Gloss, Velvet (Matte and Gloss)

TEMPERATURE RATING: -40°F to 275°F based on finishing material

CHEMICAL RESISTANCE: Enhanced Chemical and Scratch Resistance

APPLICATION: Performance Products, Membrane Switches, Product Branding



MATERIAL COMPOSITION

Overlamine: Polycarbonate or Varnish
Facestock: Polyester, Polycarbonate, Aluminum
Print method: Thermal or Digital
Adhesive type: Permanent

PRINT METHODS

DIGITAL PRINTING

USES: Custom Artwork, Extensive Multi-Color Graphics, Short Runs

FINISHES: Vinyl, Polyester, Sub-surface Printed Polycarbonate/Polyester

CHEMICAL RESISTANCE: Enhanced Chemical and Scratch Resistance

APPLICATION: Product Branding



High Efficiency Air Conditioner

MATERIAL COMPOSITION

Overlamine: Polyester
Facestock: White Polyester
Print method: Digital
Adhesive type: Permanent

ULTRA
SERIES

PRINT METHODS

POLYCARBONATE / POLYESTER NAMEPLATES

USES: In-Plant Process Labels, Serial Number/Bar Code Labels, Variable Data, UL Labeling,

Decorative Nameplates, Overlays and LCD Displays

COLORS: White, Clear, Silver. All Colors available in Matte and Gloss

TEMPERATURE RATING: -40°F to 275°F based on finishing material

CHEMICAL RESISTANCE: Enhanced Chemical and Scratch Resistance

APPLICATION: Packaging, Product Branding



MATERIAL COMPOSITION

Overlamine: Polyester
Facestock: White Polyester
Print method: Thermal
Adhesive type: Permanent



PRINT METHODS

VARIABLE DATA

USES: UL Labeling, Warning/Caution Labels, Wiring Diagrams, In-Plant Process Labels

COLORS: White, Clear

FINISHES: Polyester, Thermal Polyester, Polycarbonate. All finishes available in Matte and Gloss.

TEMPERATURE RATING: -40°F to 275°F based on finishing material

CHEMICAL RESISTANCE: Excellent for most chemicals, including gasoline

APPLICATION: Durable Goods



MATERIAL SAMPLE

MATERIAL COMPOSITION

Overlamine: Polyester
Facestock: White Polyester
Print method: Thermal
Adhesive type: Permanent

PERFORMANCE TAPES

PACKAGING TAPES

APPLICATION: Typically self-wound sealing tapes

PERFORMANCE TAPES

MOUNTING APPLICATION

SOUND-DEADENING APPLICATION

ANTI-VIBRATION APPLICATION

GASKETS APPLICATION

MATERIAL SAMPLE



MATERIAL COMPOSITION

Carrier: Aluminum Foil
Adhesive type: One-sided, Viscoelastic Permanent

MATERIAL SAMPLE



MATERIAL COMPOSITION

Carrier: EPDM Foam
Adhesive type: Two-sided, Permanent



MATERIAL COMPOSITION

Carrier: Clear Polyester
Adhesive type: Two-sided, Permanent

MULTIPLE TYPES OF CONSTRUCTIONS

SELF-WOUND ROLL: A roll of tape in which each layer of tape is directly on top of the last one.

These rolls contain no liner.

DOUBLE-COATED TAPE: A pressure-sensitive tape consisting of a carrier with adhesive coating on both sides. Typically contains a liner, which is necessary to unwind the roll.

WITH CARRIER: Different types of adhesives can be used on either side of the carrier.

- Example lower surface energy plastic being bonded to cloth
- One-side acrylic and one-side rubber based

WITHOUT CARRIER: Only one layer of adhesive





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