

Mactac®

Industrial Tapes

Non-outgassing UV Acrylic and Hot-Melt Rubber Adhesive



March 2018

For over 60 years Mactac has been a recognized leader of pressure sensitive tape solutions in the fabrication and converting markets. Building on this experience Mactac is pioneering the next generation adhesive technologies. Our non-outgassing non-migratory UV acrylic and Hot-melt rubber adhesive portfolio utilizes the newest manufacturing assets in the industry

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With decades of in-house adhesive formulation expertise we have created an extensive line of acrylic and rubber products for tailored adhesion to a variety of materials including:

- **Open & Closed Cell Foams**
 - PE, PP, EVA, EPS, PVC, EPDM, Urethane, Nitrile, Butyl, Neoprene
- **Rubber Sheeting & Extrusions**
 - EPDM, SBR, SBS, SIS, Butyl, Nitrile, Neoprene
- **Plastics, Extrusion & Profiles**
 - LDPE, LLPDE, UHMWPE, PP, TPOs, ABS, PET, PMMA, Nylon
- **Flocks**
 - Nylon, Rayon, Cotton, Polyester
- **Felts**
- **Shoddy**
- **Cork**
- **Nonwovens**

The uses for PSA tapes are limitless! But with our portfolio of adhesive technologies, carriers and release liners at their disposal, our knowledgeable solution engineers are continually working with customers to address their applications and converting demands in the ever changing market.

Applications:

- Noise & Vibration Reduction
- Assembly
- Weather Striping
- Shock Absorption & Cushioning
- Thermal Insulation
- Gaskets & Seals
- Dunnage
- Trim, Headliner & Panel Attachments
- Acoustic Dampening
- Nameplates
- Signage & Placard Mounting

Converting Techniques

- Flatbed die cutting
- Laser Cutting
- Slitting
- Rotary Die Cutting
- Water Jet Cutting
- Sheeting
- Punch press
- Kiss Cutting
- Laminations (Corona, Flame, Heated)

We are committed to providing highly engineered quality product solutions, while reducing our customer's costs our products have become permanent fixtures in many end use markets such as:

- Automotive
- Motorsports & Recreation
- Building & Constructions
- Packaging
- Transportation
- Heavy Machinery
- Electronics
- Abrasives
- Aerospace
- Appliance
- Medical

Part #	Adhesive	Carrier	Liner	Thickness (mils)		Peel lbs/in	Tack lbs/in	Shear Hours
				Unwind	Liner			
Double Coated Tapes								
FBT360	Rubber	.5 mil PET	60# SCK	1.8	1.2	8.5	10.5	80+
IB1175XT	Rubber	.5 mil PET	80# SCK	2.0	2.0	12	12	500+
IB1178XT	Rubber	.5 mil PET	60# SCK	1.2	1.2	10	10	500+
IB1183XT	Rubber	.5 mil PET	80# SCK	2.0	2.0	12	12	500+
IB1184XT	Rubber	.5 mil PET	80# SCK	2.6	2.6	14	14	500+
IB1185XT	Rubber	.5 mil PET	144# PCK	2.0	2.0	12	12	500+
IB1190XT	Rubber	.5 mil PET	60# SCK	2.0	2.0	12	12	500+
IB4130-72	Acrylic	.5 mil PET	72# PCK	1.2	1.2	9.9	6.4	85+
IB4132-72	Acrylic	.5 mil PET	72# PCK	2.4	2.4	8.7	7.0	85+
IB5121-72	Acrylic / Rubber	.5 mil PET	72# PCK	1.8	1	9/0.5	10/5	500+

Part #	Adhesive	Carrier	Liner	Thickness (mils)	Peel lbs/in	Tack lbs/in	Shear Hours
Transfer Tapes							
IF3051	Acrylic	NA	50# SCK	1.0	4.0	3.0	150+
IF4032-60	Acrylic	NA	60# SCK	2.0	9.9	5.0	85+
IF4032-72	Acrylic	NA	72# PCK	2.0	9.9	5.0	85+
IF4032-2PET	Acrylic	NA	2.0 PET	2.0	9.9	5.0	85+
IF4034-80	Acrylic	NA	80# PCK	4.0	8.7	7.0	85+
IF1011-78	Rubber	NA	78# SCK	1.8	12.0	12.0	500+
IF1013-78	Rubber	NA	78# SCK	2.6	12.0	12.0	500+
GS1001	Rubber	NA	60# SCK	20	20	22	500+
GS1003	Rubber	NA	60# SCK	20	20	22	500+
GS1004	Rubber	NA	60# SCK	35	22	25	500+
GS1007	Rubber	NA	60# SCK	35	22	25	500+
GS1013	Rubber	NA	60# SCK	20	20	22	500+



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Mactac®
Foam Bonding Study-Armacell Enoville® Elastomeric Component Foam - Gasket and Seals

Mactac is ISO9000:2000 certified.
Mactac is a member of the following organizations:
Gasket Fabricators Association
National Association of Graphic and Product Identification Manufacturers, Inc. (GPI)
Pressure Sensitive Tape Council (PSTC)

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Mactac has partnered with many of the prominent foam, rubber and plastic suppliers to the converting and fabrication industry in order to create adhesive bonding guides for our adhesive products. For adhesion guide, product selector, or Data sheets please visit www.mactac.com

Meets the following criteria:
FDA 21CFR 175.105
Reach and RoHS
Prop 65 compliant
Consumer Product Safety Improvement Act of 2008

For additional Performance Guides
please visit www.mactac.com/industrialtapes.

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