

HSA440 Acrylic Tapes

Engineered Tapes & Laminates



Appliance
Automotive
Transportation
Electronics
Foam Fabrication
Building & Construction
Sign & Display
General Industry
Recreational Vehicles



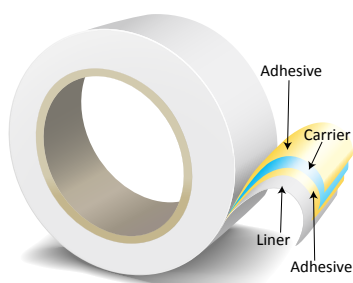
Versatile acrylic adhesive with an excellent balance of peel, tack and shear. Performs well on medium to high surface energy substrates, excellent temperature and humidity resistance.

macbond®

mactac®
A LINTEC COMPANY

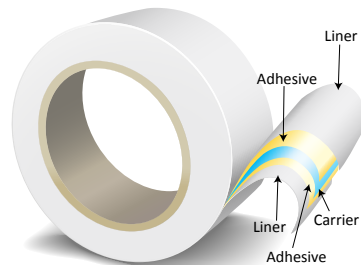
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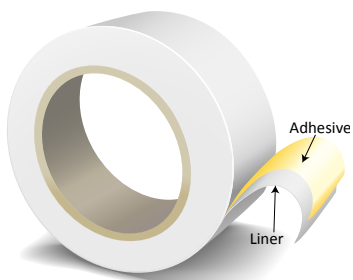
Double Coated Tapes - Single Liner

		Coat Weight			Master Roll		Performance Characteristics		
Part Number	Carrier	Liner	Unwind	Liner	Width in	Length ft	Peel SS lb/in	Tack SS lb/sq.in	Shear hours
IB4140-72	.5 mil PET	1.2	1.2	72# PCK	60"	750'	5.5	5	100+
IB4142-72	.5 mil PET	2.4	2.4	72# PCK	60"	750'	6.5	8	100+



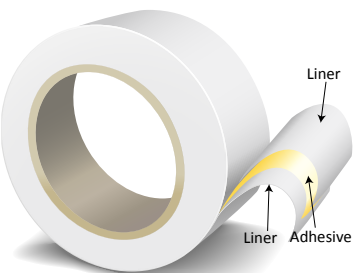
Double Coated Tapes - Double Liner

		Coat Weight			Master Roll		Performance Characteristics		
Part Number	Carrier	Liner	Unwind	Liner	Width in	Length ft	Peel SS lb/in	Tack SS lb/sq.in	Shear hours
IB4140-72L	.5 mil PET	1.2	1.2	1.2 mil PET / 72# PCK	60"	750'	5.5	5	100+
IB4142-72L	.5 mil PET	2.4	2.4	1.2 mil PET / 72# PCK	60"	750'	6.5	8	100+
IB4142-2PET	.5 mil PET	1.2	1.2	2.0 mil PET / 2.0 mil PET	60"	750'	5.5	6	100+



Transfer Adhesive Tapes - Single Liner

		Coat Weight	Total Thickness		Master Roll		Performance Characteristics		
Part Number	Carrier	Liner	Liner + Adhesive	Liner	Width in	Length ft	Peel SS lb/in	Tack SS lb/sq.in	Shear hours
IF4042-72	NA	2.0	7.3	72# PCK	60"	540'	5.5	6	90+
IF4044-72	NA	4.0	9.3	72# PCK	60"	540'	6.5	7.2	90+



Transfer Adhesive Tapes - Double Liner

		Coat Weight	Total Thickness		Master Roll		Performance Characteristics		
Part Number	Carrier	Liner	Liner + Adhesive	Liner	Width in	Length ft	Peel SS lb/in	Tack SS lb/sq.in	Shear hours
IF4042-72L	NA	2.0	7.3	1.2mil PET / 72# PCK	60"	540'	5.5	6	90+
IF4042-2PET	NA	2.0	5.3	1.2mil PET / 2.0 mil PET	60"	540'	5.5	6	90+
IF4044-72L	NA	4.0	10.5	1.2mil PET / 72# PCK	60"	540'	6.5	7.2	90+

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- Maintains bond strength after immersion in water.
Based on 100 hours at room temperature.
- Salt water immersion had no impact on bond strength.
Salt water immersion at 5% solution for 72 hours.



- When correctly applied, HSA440 tapes will withstand exposure to chemicals, motor oil, gasoline, weak acids and alkalis.



- Good humidity resistance. When exposed to hot humid conditions (90F at 96% relative humidity), HSA440 maintained its bond.



- Macbond HSA440 tapes withstand rigorous hot & cold temperature cycling.



- Macbond HSA440 transfer adhesives, IF4044 and IF4042, have been recognized for UL969 and CSA 22.2 No. 15 Marking and Labeling Systems Component for both indoor and outdoor applications.



- HSA440 Transfer adhesives pass FMVSS302 flammability testing.



- Macbond HSA440 Adhesive is pH neutral and is acid-free. Testing has been performed by an independent third party laboratory according to ISO18902.



- Macbond HSA440 tapes have been tested and pass the requirements for the Photographic Activity Test by an independent third party laboratory and comply with ISO18916.



- **Application Temperature** Above 50°F (10°C) for best performance
- **End Use Temperature** -40°F to 325°F (-40°C to 163°C)



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For Regulatory Information, please visit www.mactac.com for all product regulatory compliance.

For Quality information, please visit www.mactac.com/quality for all manufacturing site ISO 9001 certificates.

For Technical Data Sheets please visit www.mactac.com/industrialtapes.

Mactac is a member of the following organizations:

Gasket Fabricators Association
Pressure Sensitive Tape Council

