

HSA440 Acrylic Tapes

Engineered Tapes & Laminates



chemical-concepts.com
800.220.1966
410 Pike Road • Huntingdon Valley, PA 19006



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



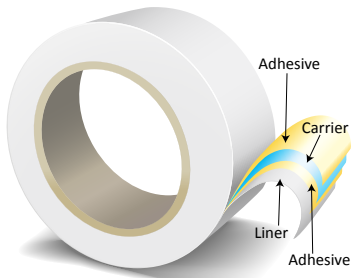
Versatile acrylic adhesive with an excellent balance of peel, tack and shear. Performs well on medium to high surface energy substrates, excellent temperature and humidity resistance.

macbond[®]

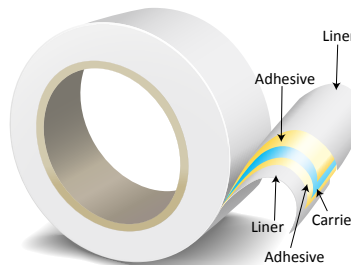
mactac[®]
ALINTEC COMPANY

HSA440 Acrylic Tapes

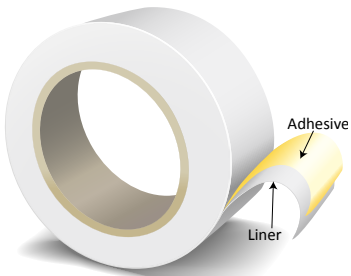
Engineered Tapes & Laminates



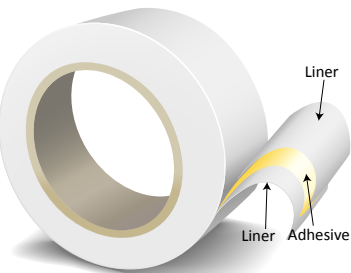
Double Coated Tapes - Single Liner									
Part Number	Carrier	Coat Weight		Liner	Master Roll		Performance Characteristics		
		Liner	Unwind		Width in	Length ft	Peel SS lb/in	Tack SS lb/sq.in	Shear hours
IB4140-72	.5 mil PET	1.2	1.2	72# PCK	60"	750'	5.5	5	100+
IB4142-72	.5 mil PET	2.4	2.4	72# PCK	60"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



Double Coated Tapes - Double Liner									
Part Number	Carrier	Coat Weight		Liner	Master Roll		Performance Characteristics		
		Liner	Unwind		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									
Part Number	Carrier	Coat Weight	Total Thickness	Liner	Master Roll		Performance Characteristics		
		Liner	Liner + Adhesive		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									
Part Number	Carrier	Coat Weight	Total Thickness	Liner	Master Roll		Performance Characteristics		
		Liner	Liner + Adhesive		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+

*



- 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)



HSA440 Acrylic Tapes

Engineered Tapes & Laminates



chemical-concepts.com

800.220.1966

410 Pike Road • Huntingdon Valley, PA 19006

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

