

## TECHNICAL DATASHEET: Acrylic Adhesive (EP)

## **PRODUCT DESCRIPTION**

This is an acrylic pressure-sensitive adhesive-backed with a semi-bleached kraft release liner.

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
ADHESIVE TYPE	Silicone & Acrylic	
ADHESIVE SYSTEM	Permanent Adhesive	
ADHESIVE BACKING/CARRIER	Cloth	
COLOR	Clear	
LINER	Semi-bleached kraft liner	
ADHESIVE THICKNESS, SILICONE SIDE	2.9 - 3.1 mils ±0.2	ASTM D3652 (MODIFIED FOR USE WITH NON-TAPE PRODUCT)
ADHESIVE THICKNESS, ACRYLIC SIDE	1.9 - 2.1 mils ±0.2	ASTM D3652 (MODIFIED FOR USE WITH NON-TAPE PRODUCT)
LINER THICKNESS, POLYESTER	2 mils ±10	ASTM D3652 (MODIFIED FOR USE WITH NON-TAPE PRODUCT)
LINER THICKNESS, KRAFT	4.7 mils ±10	ASTM D3652 (MODIFIED FOR USE WITH NON-TAPE PRODUCT)
CARRIER THICKNESS, CLOTH	3.0 mils ±10	ASTM D3652 (MODIFIED FOR USE WITH NON-TAPE PRODUCT)
ADHESION TO STAINLESS STEEL, ACRYLIC ADHESIVE SIDE, 15 MINUTES, 180° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL CLEAR POLYESTER)	50+ oz/in	ASTM D3330 (MODIFIED FOR DWELL TIME)
ADHESION TO STAINLESS STEEL, ACRYLIC ADHESIVE SIDE, 3 DAYS @ 160°F, 180° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL CLEAR POLYESTER)	38+ oz/in	ASTM D3330 (MODIFIED FOR DWELL TIME)
ADHESION TO STAINLESS STEEL, ACRYLIC ADHESIVE SIDE, 3 DAYS RT, 180° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL CLEAR POLYESTER)	80+ oz/in	ASTM D3330 (MODIFIED FOR DWELL TIME)
ADHESION TO ACRYLIC, ACRYLIC ADHESIVE SIDE, 3 DAYS RT, 180° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL CLEAR POLYESTER)	76+ oz/in	ASTM D3330 (MODIFIED FOR DWELL TIME)
ADHESION TO GLASS, ACRYLIC ADHESIVE SIDE, 3 DAYS RT, 180° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL CLEAR POLYESTER)	76+ oz/in	ASTM D3330 (MODIFIED FOR DWELL TIME)

Specifications are believed to be accurate at the time of publication and are subject to change without notice. It is the responsibility of the end-user to test and determine suitability of this material for a particular application. H-O will provide samples for this purpose at no charge. **REV. 0** 



## TECHNICAL DATASHEET: Acrylic Adhesive (EP)

ADHESION TO POLYPROPYLENE, ACRYLIC ADHESIVE SIDE, 3 DAYS RT, 180° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL CLEAR POLYESTER)ASTM D3330 MODIFIED FOR DWELL TIME)ADHESION TO STAINLESS STEEL, ACRYLIC ADHESIVE SIDE, 3 DAYS RT, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL CLEAR POLYESTER)60 oz/inMODIFIED FOR DWELL TIME)ADHESION TO STAINLESS STEEL, ACRYLIC ADHESIVE SIDE, 3 DAYS RT, 180° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL ALUMINUM FOIL)74 oz/in(MODIFIED FOR DWELL TIME)ADHESION TO STAINLESS STEEL, ACRYLIC ADHESIVE SIDE, 15 MINUTES, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL ALUMINUM FOIL)74 oz/in(MODIFIED FOR DWELL TIME)ADHESION TO STAINLESS STEEL, ACRYLIC ADHESIVE SIDE, 3 DAYS RT, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL ALUMINUM FOIL)43 oz/inMODIFIED FOR DWELL TIME)ADHESION TO STAINLESS STEEL, ACRYLIC ADHESIVE SIDE, 3 DAYS RT, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL ALUMINUM FOIL)55 oz/inMODIFIED FOR DWELL TIME)ADHESION TO STAINLESS STEEL, ACRYLIC ADHESIVE SIDE, 3 DAYS RT, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL ALUMINUM FOIL)55 oz/inMODIFIED FOR DWELL TIME)ADHESION TO GLASS, ACRYLIC ADHESIVE SIDE, 3 DAYS RT, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL ALUMINUM FOIL)ASTM D3330MOD FIED FOR DWELL TIME)ADHESION TO GLASS, ACRYLIC ADHESIVE SIDE, 3 DAYS RT, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL ALUMINUM FOIL)DOH oz/inMODIFIED FOR DWELL TIME)ADHESION TO OLYPROPYLENE, ACRYLIC ADHESIVE SIDE, 3 DAYS RT, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL ALUMINUM FOIL)ASTM D3330MOD FIED FOR DWELL TIME)ADHESIO	TECHNICAL DATA	VALUE	TEST METHOD /
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ADHESION TO STAINLESS STEEL, ACRYLIC ADHESIVE SIDE, 3 DAYS RT, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL CLEAR POLYESTER)60 oz/inASTM D3330 (MODIFIED FOR DWELL TIME)ADHESION TO STAINLESS STEEL, ACRYLIC ADHESIVE SIDE, 3 DAYS RT, 180° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL ALUMINUM FOIL)74 oz/inMODIFIED FOR DWELL TIME)ADHESION TO STAINLESS STEEL, ACRYLIC ADHESIVE SIDE, 15 MINUTES, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL ALUMINUM FOIL)74 oz/inMODIFIED FOR DWELL TIME)ADHESION TO STAINLESS STEEL, ACRYLIC ADHESIVE SIDE, 13 DAYS @ 160°F, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL ALUMINUM FOIL)43 oz/inMODIFIED FOR DWELL TIME)ADHESION TO STAINLESS STEEL, ACRYLIC ADHESIVE SIDE, 3 DAYS @ 160°F, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL ALUMINUM FOIL)60 oz/inMODIFIED FOR DWELL TIME)ADHESION TO STAINLESS STEEL, ACRYLIC ADHESIVE SIDE, 3 DAYS RT, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL ALUMINUM FOIL)ASTM D3330 SO Oz/inMODIFIED FOR DWELL TIME)ADHESION TO ACRYLIC, ACRYLIC ADHESIVE SIDE, 3 DAYS RT, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL ADHESION TO GLASS, ACRYLIC ADHESIVE SIDE, 3 DAYS RT, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL AUHINUM FOIL)ASTM D3330 100+ oz/inMODIFIED FOR DWELL TIME)ADHESION TO POLYPROPYLENE, ACRYLIC ADHESIVE SIDE, 3 DAYS RT, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL AUMINUM FOIL)ASTM D3330 100+ oz/inMODIFIED FOR DWELL TIME)ADHESION TO POLYPROPYLENE, ACRYLIC ADHESIVE, LAMINATED TO 2 MIL ALUMINUM FOIL)S hoursASTM D3330 MODIFIED FOR DWELL TIME)ADHESION TO POLYPROPYLENE, ACRYLIC ADHESIVE, LAMIN		26 oz/in	(MODIFIED FOR
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3 DAYS RT, 180° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL ALUMINUM FOIL)74 oz/in(MODIFIED FOR DWELL TIME)ADHESION TO STAINLESS STEEL, ACRYLIC ADHESIVE SIDE, TO 2 MIL ALUMINUM FOIL)A3 oz/inASTM D3330ADHESION TO STAINLESS STEEL, ACRYLIC ADHESIVE SIDE, 3 DAYS @ 160°F, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL ALUMINUM FOIL)ASTM D3330ADHESION TO STAINLESS STEEL, ACRYLIC ADHESIVE SIDE, 3 DAYS @ 160°F, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL ALUMINUM FOIL)60 oz/inASTM D3330ADHESION TO STAINLESS STEEL, ACRYLIC ADHESIVE SIDE, 3 DAYS RT, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL ALUMINUM FOIL)ASTM D3330ASTM D3330ADHESION TO ACRYLIC, ACRYLIC ADHESIVE SIDE, 3 DAYS RT, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL ALUMINUM FOIL)DWELL TIME)ASTM D3330ADHESION TO GLASS, ACRYLIC ADHESIVE SIDE, 3 DAYS RT, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL ADHESION TO GLASS, ACRYLIC ADHESIVE SIDE, 3 DAYS RT, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL ADHESION TO GLASS, ACRYLIC ADHESIVE SIDE, 3 DAYS RT, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL ADHESION TO OLYPROPYLENE, ACRYLIC ADHESIVE SIDE, 3 DAYS RT, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL ADHESION TO OLYPROPYLENE, ACRYLIC ADHESIVE, D ADHESION TO OLYPROPYLENE, ACRYLIC ADHESIVE, D ADHESION, ACRYLIC ADHESIVE, ACRYLIC ADHESIVE, D ADHESION, ACRYLIC ADHESIVE, LAMINATED TO 2 MIL ALUMINUM FOIL)ASTM D333020 Oz/inMODIFIED FOR DWELL TIME)ASTM D333022 oz/inMODIFIED FOR DWELL TIME)ASTM D333022 oz/inMODIFIED FOR DWELL TIME)ASTM D333022 oz/inMODIFIED FOR DWELL TIME)ASTM D3654			DWELL TIME)
TO 2 MIL ALUMINUM FOIL)DWELL TIME)ADHESION TO STAINLESS STEEL, ACRYLIC ADHESIVE SIDE, 15 MINUTES, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL ALUMINUM FOIL)ASTM D3330 (MODIFIED FOR DWELL TIME)ADHESION TO STAINLESS STEEL, ACRYLIC ADHESIVE SIDE, 3 DAYS @ 160°F, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL ALUMINUM FOIL)ASTM D3330 60 oz/inASTM D3330 (MODIFIED FOR DWELL TIME)ADHESION TO STAINLESS STEEL, ACRYLIC ADHESIVE SIDE, (LAMINATED TO 2 MIL ALUMINUM FOIL)ASTM D3330 (MODIFIED FOR DWELL TIME)ASTM D3330 (MODIFIED FOR DWELL TIME)ADHESION TO STAINLESS STEEL, ACRYLIC ADHESIVE SIDE, 3 DAYS RT, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL ALUMINUM FOIL)ASTM D3330 (MODIFIED FOR DWELL TIME)ADHESION TO ACRYLIC, ACRYLIC ADHESIVE SIDE, 3 DAYS RT, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL AUMINUM FOIL)100+ oz/in(MODIFIED FOR DWELL TIME)ADHESION TO GLASS, ACRYLIC ADHESIVE SIDE, 3 DAYS RT, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL AUMINUM FOIL)100+ oz/inMODIFIED FOR DWELL TIME)ADHESION TO POLYPROPYLENE, ACRYLIC ADHESIVE SIDE, 3 DAYS RT, 90° ANGLE 12" MIN. AVERAGE (LAMINATED TO 2 MIL AUMINATED TO 2 MIL ALUMINUM FOIL)22 oz/inMODIFIED FOR MODIFIED FOR DWELL TIME)ADHESION TO POLYPROPYLENE, ACRYLIC ADHESIVE, LAMINATED TO 2 MIL ALUMINUM FOIL, 1 Solurs5 hoursASTM D3330 ASTM D3654 - METHOD AEXPECTED SHEAR ADHESION, ACRYLIC ADHESIVE, LAMINATED TO 2 MIL ALUMINUM FOIL, 1 HOUR DWELL (1 SQ IN, 4 LB LOAD)5 hoursASTM D3654 - METHOD AEXPECTED SHEAR ADHESION, ACRYLIC ADHESIVE, LAMINATED TO 2 MIL CLEAR POLYESTER840 gmASTM			
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POLYESTER ASTM D2979		840 gm	
			ASTM D2979
TACK, ACRYLIC ADHESIVE, LAMINATED TO 2 MIL 820 gm	TACK, ACRYLIC ADHESIVE, LAMINATED TO 2 MIL	820 gm	ACT 4 D 2070
ALUMINUM FOIL ASTM D2979		_	ASTM D2979
SERVICE TEMPERATURE RANGE, ACRYLIC SIDE -40°F to 302°F		-40°F to 302°F	

Specifications are believed to be accurate at the time of publication and are subject to change without notice. It is the responsibility of the end-user to test and determine suitability of this material for a particular application. H-O will provide samples for this purpose at no charge. **REV. 0**