



# 3M™ Acrylic Adhesive 300MP+

Technical Data Sheet - PRELIMINARY \*

June 5, 2023

**3M™ Adhesive Transfer Tape 9775WL+, 9773WL+**

**3M™ Scrim Adhesive Tape 99786+, 99786NP+**

**3M™ Double Coated Tape 9832HL+, 9832+**

## Typical Physical Properties and Performance Characteristics:

The following technical information and data should be considered representative or typical only and should not be used for specification purposes. Testing was performed on lab substrates. Additional testing should be done on actual production substrates for specification purposes.

- 3M™ Acrylic Adhesive 300MP+ is “Low Fog” per SAEJ1756
- Excellent adhesion to foam, fabrics, felt, nylon, leather, wood and other substrates
- Intended for a variety of markets, including general industrial, automotive, marine, medical equipment, specialty vehicle and construction finishing
- The polycoated kraft paper liner makes this adhesive tape ideal for die cutting and converting processes

3M™ 300MP+ Transfer Adhesives		
Product Number	<b>9773WL+</b>	<b>9775WL+</b>
Adhesive	300MP+	300MP+
Adhesive Caliper	3 mils 0.07 mm	5 mils 0.13 mm
Carrier	N/A	N/A
Liner	96# PCK	96# PCK
Liner Caliper	7 mils 0.18 mm	7 mils 0.18 mm
Liner Color	White	White
Adhesion 72 hr dwell @ RT Modified ASTM D-3330 90° peel 2 mil PET Backing	Oz/in	Oz/in
	SS 54	SS 102
	ABS 43	ABS 47
	PP 15	PP 34
Adhesion 72 hr dwell @ 158°F/70°C Modified ASTM D-3330 90° peel 2 mil PET Backing	Oz/in	Oz/in
	SS 121	SS 168
	ABS 52	ABS 63
	PP 26	PP 39
Adhesion 72 hr dwell @ 100°F/100% RH Modified ASTM D-3330 90° peel 2 mil PET Backing	Oz/in	Oz/in
	SS 61	SS 83
	ABS 48	ABS 66
	PP 28	PP 39
Shear Strength at RT Modified ASTM D-3654 1 in <sup>2</sup> sample 1000 grams	5,000 min	10,000 min
Shear Strength at 158°F/70°C Modified ASTM D-3654 1 in <sup>2</sup> sample 250 grams	10,000 min	10,000 min
SAFT – modified PSTC 17 1 in <sup>2</sup> 500g SS		255 min 315°F
SAFT – modified PSTC 17 1 in <sup>2</sup> 1000g SS		204 min 270°F
Density	0.91 g/cm <sup>3</sup>	
Tg	-60°C	

<b>3M™ 300MP+ Scrim Adhesives</b>			
Product Number	<b>99786+</b>		<b>99786NP+</b>
Adhesive	300MP+		300MP+
Adhesive Caliper	5.5 mils 0.14 mm		5.5 mils 0.14 mm
Carrier	Non-woven		Non-woven
Liner	58# PCK		58# PCK
Liner Caliper	4.2 mils 0.11 mm		4.2 mils 0.11 mm
Liner Color	Brown/Tan 3M logo		Brown/Tan
Adhesion 72 hr dwell @ RT Modified ASTM D-3330 90° peel 2 mil PET Backing	Oz/in		Oz/in
	SS	53	SS 53
	ABS	33	ABS 33
	PP	22	PP 22
Adhesion 72 hr dwell @ 158°F/70°C Modified ASTM D-3330 90° peel 2 mil PET Backing	Oz/in		Oz/in
	SS	73	SS 73
	ABS	40	ABS 40
	PP	23	PP 23
Adhesion 72 hr dwell @ 100°F/100% RH Modified ASTM D-3330 90° peel 2 mil PET Backing	Oz/in		Oz/in
	SS	83	SS 83
	ABS	43	ABS 43
	PP	26	PP 26
Shear Strength at RT Modified ASTM D-3654 1 in <sup>2</sup> sample 1000 grams	10,000 min		10,000 min
Shear Strength at 158°F/70°C Modified ASTM D-3654 1 in <sup>2</sup> sample 250 grams	10,000 min		10,000 min
Density	0.91 g/cm <sup>3</sup>		
Tg	-60°C		

3M™ 300MP+ Double Coated Adhesives		
Product Number	9832HL+	9832+
Adhesive	300MP+	300MP+
Adhesive Caliper Faceside	2.3 mils 0.06 mm	2.3 mils 0.06 mm
Carrier	0.05 mil PET	0.05 mil PET
Adhesive Caliper Backside	2.0 mil 0.05 mm	2.0 mil 0.05 mm
Liner	83# PCK	58# PCK
Liner Caliper	6.2 mil 0.16 mm	4.8 mil 0.12 mm
Liner Color	Brown/Tan	Brown/Tan
Adhesion 72 hr dwell @ RT Modified ASTM D-3330 90° peel 2 mil PET Backing	Oz/in	Oz/in
	SS 54	SS 54
	ABS 43	ABS 43
	PP 15	PP 15
Adhesion 72 hr dwell @ 158°F/70°C Modified ASTM D-3330 90° peel 2 mil PET Backing	Oz/in	Oz/in
	SS 121	SS 121
	ABS 52	ABS 52
	PP 26	PP 26
Adhesion 72 hr dwell @ 100°F/100% RH Modified ASTM D-3330 90° peel 2 mil PET Backing	Oz/in	Oz/in
	SS 61	SS 61
	ABS 48	ABS 48
	PP 28	PP 28
Shear Strength at RT Modified ASTM D-3654 1 in <sup>2</sup> sample 1000 grams	7,350 min	10,000 min
Shear Strength at 158°F/70°C Modified ASTM D-3654 1 in <sup>2</sup> sample 250 grams	10,000 min	10,000 min
Density	0.91 g/cm <sup>3</sup>	
Tg	-60°C	

### Storage and Shelf Life

Store in the original packaging at room temperature conditions of approximately 72°F (22°C) and 50% relative humidity. Keep out of direct sunlight. Product retains its performance properties for 24 months from date of manufacture.

\*Preliminary – the data will be expanded and globally harmonized to include qualification runs from all locations manufacturing 300MP+.

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