AVERY DENNISON
Specialty Tape Division

Mirror Bonding

Automotive Mirror Bonding Tape
Product Line

FM 2454

Black 30 mil closed cell polyethylene foam coated on both sides with a high performance acrylic adhesive

General Overview of Performance

- 144 ounce adhesion to stainless steel
- 56 ounce loop tack
- 200° F maximum continuous operating temperature
- Maximum gap filling for excellent line to line fit
- Currently in production at Ford Motor Company, Toyota, and DaimlerChrylser

FT 8410

White 6.0 mil polypropylene film coated on both sides with a high performance acrylic adhesive

General Overview of Performance

- 64 ounce adhesion to stainless steel
- 60 ounce loop tack
- 250° F maximum continuous operating temperature
- Medium gap filling for excellent line to line fit
- Cost savings over foam tapes without loss of properties

FT 9307

Black 1 mil polyester coated on both sides with a high performance acrylic adhesive

General Overview of Performance

- 64 ounce adhesion to stainless steel
- 60 ounce loop tack
- 350° F maximum continuous operating temperature
- Most cost effective mirror bonding tape

Comparison Between Avery and Existing Foam Tapes

	FM 2454	3M 4492	MACtac IM-2908
Adhesion to SS (lbs/in)	9.0 *	9.0 *	4.9
Adhesion to ABS (lbs/in)	9.0 *	9.0 *	3.1
Adhesion to PP (lbs/in)	0.6	0.6	1.9
Adhesion to painted metal	9.0 *	9.0 *	3.6
Loop Tack (lbs/in)	3.5	3.6	3.1
	* foam tear		

	FM 2454	3M 4492	MACtac IM-2908
SAFT (liner) °F	203	187	201
SAFT (unwind) °F	211	211	203

	FM 2454	3M 4492	MACtac IM-2908
Liner Release (grams/2 in)	70	120	200

Avery Alternative Mirror Bonding Tapes

	FT 8410	FT 9307
Adhesion to SS (lbs/in)	4.0	3.3
Adhesion to ABS (lbs/in)	3.0	3.8
Adhesion to PP (lbs/in)	0.1	0.4
Adhesion to painted metal	3.5	4.5
Loop Tack (lbs/in)	2.9	4.9

	FT 8410	FT 9307
SAFT (liner) °F	220	300
SAFT (unwind) °F	225	300

	FT 8410	FT 9307
Liner Release (grams/2 in)	20	20

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