



# MERRYWEATHER FOAM, INC.

An ISO9002 Certified Company

	Low	Medium	High	Very High	Ester Film Backed Series 82	Aluminum Backed Series 83	Nasa non adhesive self adhering	UL Recognized
ASTM D1667 Density lb/cuft	5.5 to 10	9 to 13	13 to 17	17 to 21	8	8	7 to 15	10
ASTM D2240 Shore A Hardness	30	40	50	55	25	25	40 to 60	28
ASTM D1667 Force to Compress 20% psi	2.5	4.5	8	8.5	3.5	2.5		5
ASTM D1667 Compression Deflection 20% Instantaneous psi	1.5	5	5	6	4	4	ASTMD1056 3 to 5	5.2
ASTM D1667 Compression set 30%	8	4	4	4	4	4	4	5
ASTM D1056 Water Absorption % by volume	9	10	10	10	6	6	15% max	1.5
ASTM D415 Tensile strength DIE A psi	40	60	60	70	30	30	35 to 55	30
ASTM D412 Elongation %	150	120	100	90	125	125		130
ASTM D136 Low Temperature Flexibility	No cracking	No cracking	No cracking	No cracking	No cracking	No cracking	No cracking	No cracking
Stain Migration	No stain	No stain	No stain	No stain	No stain	No stain	No stain	No stain
Std Colors	Black, Gray	Black, Gray	Black, Gray	Black	Black	Gray	Black	Gray
Non Std Colors	White, Brown, Charcoal				Grey			