

TECHNICAL DATASHEET: 2# Foam Wonder Pads

PRODUCT DESCRIPTION

Foam Wonder Pads are assembled using 2# Crosslinked Polyethylene laminated to an adhesive-less, static cling material.

TYPICAL APPLICATIONS

- Ideal for glass separation and mirror shipments.
- Disposable protection for any glass surface.

PRODUCT FEATURES & BENEFITS

- Removable and repositionable.
- Adheres to non-porous surfaces.
- Non-residue bonding system.
- Can be used with a number of different substrates/materials.

TECHNICAL DATA (SIDE 1)	VALUE	TEST METHOD / STANDARD
THICKNESS	1/4"	
COLOR	White	
MATERIAL/SUBSTRATE	Crosslinked Polyethylene Foam	
COMPRESSION DEFLECTION @ 25%	5 lb/sq-in	ASTM D3575
COMPRESSION DEFLECTION @ 50%	14 lb/sq-in	ASTM D3575
COMPRESSION SET	31%	ASTM D3575
DENSITY	2 pcf	
DUROMETER/HARDNESS (SHORE 00)	51	ASTM D2240
DUROMETER/HARDNESS (SHORE A)	7	ASTM D2240
THERMAL STABILITY, AVE MD% - 1.6 - 2.2	-1.42	
THERMAL STABILITY, AVE CD% - 1.8 - 2.0	-0.66	
CHEMICAL RESISTANCE	Excellent	
FLAME RETARDANT	Flame retardant by special request	
TEAR STRENGTH, MACHINE DIRECTION	7 lb/in	ASTM D3575
TEAR STRENGTH, CROSS-MACHINE DIRECTION	12 lb/in	ASTM D3575
TENSILE ELONGATION, MACHINE DIRECTION	136%	ASTM D3575
TENSILE ELONGATION, CROSS-MACHINE DIRECTION	111%	ASTM D3575
TENSILE STRENGTH, MACHINE DIRECTION	69 lb/sq-in	ASTM D3575
TENSILE STRENGTH, CROSS-MACHINE DIRECTION	42 lb/sq-in	ASTM D3575

TECHNICAL DATA (SIDE 2)	VALUE	TEST METHOD / STANDARD
MATERIAL/SUBSTRATE	Polyvinyl Chloride (PVC) Foam	
ADHESION TO CORK	12 oz/in minimum	
ADHESION TO STAINLESS STEEL	12 oz/in minimum	

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. **REV. 0**

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TENSILE STRENGTH	20 psi	ASTM D412 (DIE A)
WATER ABSORPTION	3%	ASTM D1056
COMPRESSION DEFLECTION	5.0 psi	ASTM D1667
DENSITY	7 - 15 lb/ft ³	
DUROMETER/HARDNESS (SHORE 00)	45	ASTM D2240

NOTE: Foam without adhesive or liner unless noted. Specifications based on a sample size of three to five.

SHELF LIFE/STORAGE	
SHELF LIFE	Product shelf life begins on the date of production as referenced by the lot number: 6 months with adhesive and 2 years without adhesive when stored at or below 75°F.

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