

## PRODUCT DATA

## EMI.108 Series

### 1/8" VINYL FOAM TAPE

**DESCRIPTION:** Closed cell PVC foam 1/8" (.125") thick completely seals out air, moisture, light, and dust when compressed at least 30 %. Formulated from Polyvinyl Chloride (PVC) for a long service life. Cushions against shock and vibration. Ultraviolet (UV) resistant. Resists most chemicals, acids, and solvents. Available with adhesive on one or both sides and in various other grades.

**APPLICATION IDEAS:** EMI.108LD is a light density PVC foam that is economical and general-purpose foam tape that is manufactured for use in applications requiring positive seals on irregular surfaces or when flex and conformability to seal tight radius curves are critical. EMIL.108 is a medium density foam that provides excellent combination of flexibility and conformability with strength and wear resistance. Excellent dimensional stability and cushion against heavy loads. EMI.108HD is designed for the most demanding foam sealing or cushioning applications. High internal strength resists pressure from outside forces and high hardness resists deterioration. Best dimensional stability.

### TECHNICAL DATA

	<b>108LD</b>	<b>108</b>	<b>108HD</b>
DENSITY (LBS./FT <sup>3</sup> )	7	15	25
HARDNESS (SHORE 00)	14	40	58
COMPRESSION DEFLECTION @ 25% (PSI)	2.5	7	20
COMPRESSION SET @ 25%	4	8	5
WATER ABSORPTION (% BY VOLUME)	1.1	1.0	1.2
TENSILE STRENGTH (PSI)	25	80	130
PERCENT ELONGATION	150	160	110
THERMAL CONDUCTIVITY (BTU IN./HR. FT <sup>2</sup> °F)	0.27	0.30	0.33
SERVICE TEMPERATURE (°F)	-40 to 180	-30 to 200	-30 to 200
APPLICATION TEMPERATURE (°F)	50 to 110	50 to 110	50 to 110
FUNGI RESISTANCE	EXCELLENT	EXCELLENT	EXCELLENT
OXIDATION RESISTANCE	EXCELLENT	EXCELLENT	EXCELLENT
WEATHER RESISTANCE	EXCELLENT	EXCELLENT	EXCELLENT

### TEST METHODS:

All test procedures used are in accordance with ASTM and PSTC methods.



### ***Technical Information***

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