

**PRODUCT: DM-400-00-00-97**

**REV041317**

**PRODUCT DESCRIPTION:** PVC damping sheet with pressure sensitive adhesive.

**DAMPING BASE**

Physical Property	Description - Value
Material	PVC vinyl (polyvinylchloride)
Color	Charcoal
Density	1 g/cc
Thickness	0.125 inch
Service Temperature	-40°F to 220°F
Chemical Resistance	Excellent for most acids, mild alkalis, oils and grease

**ADHESIVE**

Physical Property	Description - Value	Tolerance	Test Standard
Material	Acrylic		
Type	Unsupported		
Thickness	3 mils	+/- 0.3 mil	
Thickness – PET Release Liner	2 mils		
Peel Adhesion – Exposed Side	50 oz/inch width initial		PSTC #101 Method E, backed with 1 mil polyester, 24 hr dwell
Liner	2-mil Silicone coated polyester liner		
Shear Adhesion – Exposed Side	168 Hours		PSTC#107, Procedure A, Modified; 1000gm/sq.in at 72°F, 1 min dwell
Shear Adhesion	18 Hours		PSTC#107, Procedure A, modified; 1000gm/sq. in at 150°F, 1 min dwell
Temperature Range	-30° to 220°F		

**DAMPING PERFORMANCE**

Temperature	-18 C, 0 F	-9 C 18 F	0 C 32 F	9 C 48 F	18 C 64 F	27 C 81 F	36 C 97 F	45 C 113 F	54 C 129 F
Average Loss Factor	0.10	0.18	0.29	0.34	0.37	0.33	0.22	0.15	0.11

**AVAILABLE SIZES**

Roll	54" X 25'
Sheet	As Specified
Tile	1' X 1'



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**Average Damping Loss Factor  
DM-300  
SAE Bar**



