

PRODUCT DATA SHEET



1750M MAGNETIC HEAT-BONDABLE DAMPING SHEET

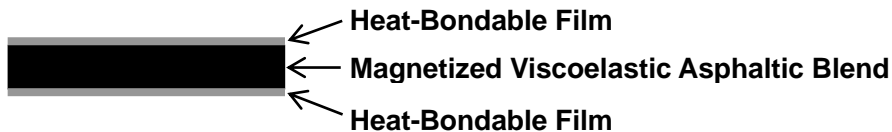
GENERAL DESCRIPTION

A high-efficiency, magnetic heat-bondable vibration damper, supplied in die-cut sheets, available in a variety of standard weights and intended for vertical and inverted surfaces.

FEATURES

- A filled asphaltic mastic with heat-bondable films on each side
- Good damping efficiency over a wide temperature range
- Vertical and inverted surface applications
- Good conformability and bond
- One part number for symmetrically opposite parts

PRODUCT CONSTRUCTION



APPLICATION

- 1750M is intended to be applied before the paint ovens in the assembly plant and adheres well to e-coated and primed surfaces.
- Softening in the paint oven provides conformance and permanent bonding to body panels, such as door panels, roof panels, etc.

PROPERTIES

COLOR	Black		
SPECIFIC GRAVITY	2.45 – 3.00 typical		
SOLIDS CONTENT	99 - 100%		
SHELF LIFE	12 months when stored within proper storage conditions (15C - 35C & 25% - 50% RH)		
MINIMUM BAKE REQUIRED	30 minutes at 115°C (240°F)		
COLD ADHESION	No loss of adhesion to -30°C		
MAGNETIC FLUX - ORIGINAL	Minimum of 25mT		
PEEL ADHESION	Exhibits cohesive failure after the following exposures		
	Heat Aged	Humidity	Environmental Cycle
	2 weeks at 70°C	100%RH&38°C: 250 hrs	6 weeks
DAMPING PROPERTIES	Tested on 4.4 kg/m ² (0.90 lb/ft ²) damper sheet. Composite Loss Factor (η_c) between -20 and 60°C @ 200 Hz: 0.03 – 0.13		

Disclaimer: The technical information on this product data sheet is based on measured value obtained from laboratory tests. Actual results may vary due to differences in lab/process evaluation conditions.