

## 1700 HEAT-BONDABLE DAMPING SHEET

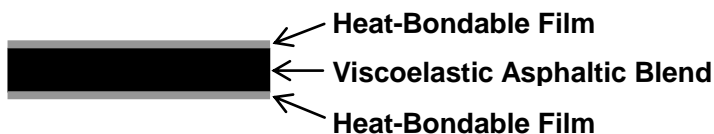
### GENERAL DESCRIPTION

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

### FEATURES

- A filled asphaltic mastic with anti-blocking and heat-bondable films on each side
- Good damping efficiency over a wide temperature range
- Horizontal surface applications
- Good conformability and bond
- One part number for symmetrically opposite parts
- Can be combined with pressure sensitive adhesive (Product Code: 1200)

### PRODUCT CONSTRUCTION



### APPLICATION

- 1700 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 highly contoured body panels, such as floorpans, trunks, tunnels, etc.

### PROPERTIES

<b>COLOR</b>	Blackish Brown		
<b>SPECIFIC GRAVITY</b>	1.60 - 1.85 typical		
<b>SOLIDS CONTENT</b>	99 - 100%		
<b>SHELF LIFE</b>	Minimum 90 days below 35°C		
<b>MINIMUM BAKE REQUIRED</b>	30 minutes at 115°C (240°F)		
<b>COLD ADHESION</b>	No loss of adhesion to -30°C		
<b>PEEL ADHESION</b>	Exhibits cohesive failure after the following exposures		
	Heat Aged	Humidity	Environmental Cycle
	2 weeks at 70°C	100%/38°C: 250 hrs	6 weeks
<b>DAMPING PROPERTIES</b>	Tested on 3.7 kg/m <sup>2</sup> (0.75 lb/ft <sup>2</sup> ) damper sheet. Composite Loss Factor ( $\eta_c$ ) between 10 and 55°C @ 200 Hz: 0.1 – 0.2		