



**AMERICAN TRAFFIC SAFETY MATERIALS, INC.™**  
**4000 SERIES**  
**3 MIL INTERMEDIATE FILM**  
**6 YEAR**

**TYPICAL PHYSICAL PROPERTIES OF 3 MIL CALENDERED INTERMEDIATE FILM  
 WITH PERMANENT ACRYLIC ADHESIVE**

**A. PHYSICAL PROPERTIES:**

PVC Film Thickness (mils)	3.0
PSA Thickness (mils)	1.0
Liner (weight)	78 lbs
Tensile strength (lbs/in. break load)	8 - 12
Elongation Metallics	80% - 130%
Elongation Non-Metallics	50% - 100%

**B. ADHESION PROPERTIES:**

	oz/in.
PSTC - 1 (instant R.T.)	40
PSTC - (1 hr. R.T.)    Stainless Steel	50
PSTC - (24 hr. R.T.)    Stainless Steel	55
PSTC - (72 hr. R.T.)    Stainless Steel	60

**C. RESISTANCE:** 3 Mil Intermediate film is resistant to mild alkalis, acids and to most petroleum based grease, oils and salt spray.

**D. SERVICE TEMPERATURE:** - 60°F to 200°F

**E. HEAT SHRINKAGE:** (24 hr.) 150° F .0085

**F. SHELF LIFE:** 1 Year stored under 73°F and 50% relative humidity.

**G. OUTDOOR DURABILITY:** Up to 6 years when properly converted and applied using the manufacturer's recommendations for vertical exposure. Printing is not warranted.