

## DEVELOPMENTAL DURACOTE COVERING FILMS

Duracote Developmental PEEK and ECTFE Covering Films are designed for use in the construction of thermal acoustic insulation blankets. They feature a unique heat seal system that is compatible using either Ultra-Sonic or Thermal methods.

Duracote Developmental PEEK and ECTFE Covering Films are REACH compliant and are flame resistant to FAR25.856(a).

FEATURE	BENEFIT
LIGHTWEIGHT	Increased fuel economy. Increased range and payload.
DURABLE	Tear and puncture resistant. Easier to install. Reduced scrap and repair.
FIRE-RESISTANT	Outstanding radiant panel performance. Passenger safety.
MATERIAL SELECTION	Extremely low Smoke and Toxicity.
SPECIALLY DEVELOPED ADHESIVE	Durability. Production efficiency. Ease of use with reduced scrap.

### TYPICAL PHYSICAL PROPERTIES

	70A008 / 70A068*		70A070 / 70A062 / 70A072*		70A064	
	Standard Covering Film		High Stress Covering Film		Light Weight Covering Film	
	Metric	Imperial	Metric	Imperial	Metric	Imperial
<b>Mass per Unit Area</b>	< 35 g/m <sup>2</sup>	< 1.03 oz./yd <sup>2</sup>	< 70 g/m <sup>2</sup>	2.06 oz./yd <sup>2</sup>	< 26 g/m <sup>2</sup>	< 0.76 oz./yd <sup>2</sup>
<b>Tensile Strength</b> AIMS04-18-000	> 40 N/25mm	> 9 lbs./in	> 130 N/25mm	> 29 lbs./in	> 40 N/25mm	> 9 lbs./in
<b>Tear Resistance</b> AIMS04-18-000	> 15 N	> 3 lbs.	> 25 N	> 6 lbs.	> 15 N	> 3 lbs.
<b>Penetration Strength</b> AIMS04-18-000	---	---	---	---	---	---
<b>5 mm</b>	> 15 N	> 3 lbs.	> 45 N	> 10 lbs.	> 15 N	> 3 lbs.
<b>10 mm</b>	> 30 N	> 7 lbs.	> 100 N	> 22 lbs.	> 30 N	> 7 lbs.
<b>20 mm</b>	> 65 N	> 15 lbs.	> 180 N	> 40 lbs.	> 65 N	> 15 lbs.
<b>Radiant Panel</b> FAR25.856(a)	---	---	---	---	---	---
<b>Flame Propagation</b>	< 51 mm	< 2 in	< 51 mm	< 2 in	< 51 mm	< 2 in
<b>After Flame</b>	< 3 seconds		< 3 seconds		< 3 seconds	
<b>Smoke Density</b> ABD0031	Pass		Pass		Pass	

\*Indicates covering film made with ECTFE while the others are made with PEEK.

The information contained in this technical data bulletin is believed to be true and accurate. The typical physical properties are from historical testing and should not be considered a specification. This information is to be used only as a guide. It is the responsibility of the end user to determine the suitability of our products for each specific application.

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