

## AIRDEC-FA2

AIRDEC-FA2 is a lightweight, stiff, vacuum-formable decorative laminate fulfilling the most stringent flammability, heat release rate, and smoke emission requirements for aircraft interiors, and is available in a continuous roll format for economy of use.

<b>WEIGHT</b>	AIRDEC-FA2 is a lightweight laminate that is formable yet stiff, and helps hide panel defects in both room and elevated temperature applications.										
<b>FIRE SAFETY</b>	AIRDEC-FA2 easily meets the FAA, JAA, Boeing, and Airbus, flammability, heat release rate, and smoke emission requirements.										
<b>COLOR</b>	AIRDEC-FA2 is available in solid colored or printed sheets and continuous material. Custom colors and patterns are available upon request.										
<b>TEXTURE</b>	AIRDEC-FA2 is available in a number of standard sheet textures, continuous Mesa-O and Mesa-C textures (see the Skyline Products texture chart), and custom textures may be available upon request. All textures exhibit excellent texture retention.										
<b>GLOSS</b>	AIRDEC-FA2 is available in both high and medium gloss variations.										
<b>CLEANING</b>	Because of its <sup>1</sup> Tedlar <sup>®</sup> surface, AIRDEC-FA2 possesses exceptional resistance to staining, solvents, chemicals, and abrasion, and is very easy to clean with common cleaners.										
<b>QUALITY</b>	Founded on years of experience, high quality materials, and a very controlled process, the color, texture, and integrity of this product is guaranteed.										
<b>ADHESIVES</b>	AIRDEC-FA2 is available bare without adhesive, with strippable pressure sensitive adhesive, and with heat activated adhesive.										
<b>PROPERTIES</b>	AIRDEC-FA2 is flexible and formable, and can be applied by hand, vacuum bagged, and hot vacuum-applied to a variety of parts.										
<b>TYPICAL APPLICATIONS</b>	<table> <tr> <td>Bulkheads</td> <td>Galleys</td> </tr> <tr> <td>Ceilings</td> <td>Lavatories</td> </tr> <tr> <td>Closets</td> <td>Partitions</td> </tr> <tr> <td>Crew Rests</td> <td>Stowage Bins</td> </tr> <tr> <td>Dado Panels</td> <td>Window Panels</td> </tr> </table>	Bulkheads	Galleys	Ceilings	Lavatories	Closets	Partitions	Crew Rests	Stowage Bins	Dado Panels	Window Panels
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<b>FORMAT</b>	AIRDEC-FA2 is available in sheets nominally 48, 54, and 60 inches (1219, 1372, and 1524 mm) wide, by 96 inches (2438 mm) long, and continuous rolls 50 yards (45 meters) in length, and 54 and 60 inches (1372 and 1524 mm) in width. Other sizes available upon request.										

<sup>1</sup>Tedlar<sup>®</sup> is a registered trademark of DuPont  
Page 1/2

Notice: The information in this datasheet is given in good faith and is based on our current technical knowledge of this product and on careful tests carried out in our laboratories. No liability is accepted, nor is any guaranty given or implied for any application of this product.

## AIRDEC-FA2

CHARACTERISTIC	TEST METHOD	UNIT	TEST VALUE
THICKNESS bare with standard HAA with standard PSA	Micrometer after texturing	inch / mm	0.010±0.0010 / 0.25±0.025 0.012±0.0012 / 0.30±0.030 0.013±0.0013 / 0.33±0.033
WEIGHT bare with standard HAA with standard PSA	ASTM D 461 (11)	oz/yd <sup>2</sup> / g/m <sup>2</sup>	9.4±0.94 / 320±32 11.8±1.2 / 400±40 12.4±1.2 / 420±42
ADHESION OF LAYERS	DMS 2415 3.5.4 and 4.5.4 DAN 419 4.1.9	pass / fail	pass <sup>1,2,3,4</sup>
COLORFASTNESS TO LIGHT	DMS 2415 3.5.2 and 4.5.2 FTMS No. 191 Method 5660 AATCC 16-1993, Option E ASTM G 53 QUV UVA-340	pass / fail	pass (no change after 50 fading hours) DE* < 0.50 after 100 fading hours  no change after 50 fading hours
HEAT RELEASE RATE	FAR/JAR 25.853 (d) FAR/JAR 25 App. F Pt. IV Boeing D6-51377 Airbus ABD0031	pass / fail	pass <sup>1,2,3,4</sup>
SMOKE DENSITY	FAR/JAR 25.853 (d) FAR/JAR 25 App. F Pt. V ASTM E-662 Boeing D6-51377 Airbus ABD0031	pass / fail	pass <sup>1,2,3,4</sup>
TOXICITY	Boeing D6-51377 Section 4.1.1 b. (1) CO, HCN, HF, HCl, SO <sub>2</sub> , NO <sub>x</sub>	pass / fail	pass <sup>1,2,3,4</sup>
FLAMMABILITY (60 sec)	FAR/JAR 25.853 (d) FAR/JAR 25 App. F Pt. I Boeing D6-51377 Airbus ABD0031	pass / fail	pass <sup>1,2,3,4</sup>
APPLICATION TEMPERATURE with standard HAA with standard PSA	Experiment	°F / °C	194°F - 250°F / 90°C - 120°C 70°F - 80°F / 21°C - 27°C
ADHESIVE STRENGTH HAA and PSA	DMS 2415 3.5.5 and 4.5.5 DAN 419 4.1.11 and 4.1.12	pass / fail	pass

<sup>1</sup>Tested on a 0.050" aluminum sheet with heat activated adhesive

<sup>2</sup>Tested on a 0.125" thick phenolic sandwich panel with heat activated adhesive

<sup>3</sup>Tested on a 0.050" aluminum sheet with pressure sensitive adhesive

<sup>4</sup>Tested on a 0.125" thick phenolic sandwich panel with pressure sensitive adhesive