

AerFilm LHR®

Technical Data Sheet

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PHYSICAL PROPERTIES

Property	Test Method	Result
Weight Without Adhesive With HA211 Adhesive With PSLHR Adhesive	ISO 3801 Method 5	< 8.8 oz/yd ² (< 300 g/m ²) < 12 oz/yd ² (< 400 g/m ²) < 12 oz/yd ² (< 400 g/m ²)
Thickness max (with adhesive) ¹ Thickness min (without adhesive) ¹	Measured prior to texturing	< 0.009 in (< 0.23 mm) > 0.006 in (> 0.15mm)
UV Stability / Colorfastness	ASTM G154 QUVA-340 Bulbs 140 hours	$\Delta E < 1.2$
Abrasion Resistance ¹	ASTM D-4060-1 ISO 9352 CS10 wheel, 500 cycles, 500g	No abrasion through top upper layer
Tear Resistance (without adhesive) Machine Transverse	ISO 4674-1	> 0.8 N > 0.8 N
Tensile Strength ² (without adhesive) Machine Transverse	ASTM D 882 (Ambient Temperature) ISO 527-3/2/50	> 70 N > 70 N

FLAMMABILITY PROPERTIES

Property	Test Method	Result
OSU Heat Release	FAR 25.853 (d), Amdt 25-116, Appendix F, Part IV	Meets Requirement
NBS Optical Smoke Density	FAR 25.853 (d), Amdt 25-116, Appendix F, Part V	Meets Requirement
Vertical Burn, 60 Sec	FAR 25.853 (a), Amdt 25-116, Appendix F, Part I (a)(1)(i)	Meets Requirement

¹ Thickness and Abrasion Resistance may be affected by texture

² Tested on samples 15mm wide