



O'Sullivan Films' decking products provide aesthetics and outstanding outdoor performance withstanding cold temperatures, extreme UV exposure and precipitation. Products include tri-laminate, non-woven and woven constructions compatible with traditional overlap seam applications. This data sheet relates to our vinyl product laminated to a non-woven backply designed to meet ASTM D4434, Type II.



Product Overview

Description: Double-ply embossed & printed vinyl sheet laminated to non-woven scrim.

Applications: Decking and similar outdoor applications.

Processing: Adhesive application to new, unsealed plywood or new, unsealed concrete.

Dimensional Properties

Total Thickness	:	0.060" (1.5mm)
Width	:	72 inches

Physical Properties

Elongation	:	>250 %	ASTM D751-B
Breaking Strength	:	>245 N	ASTM D751-B
Tear Strength	:	>45 N	ASTM D1004
Low Temperature	:	-40°C	ASTM D2136
Seam Strength	:	≥75% of Breaking Strength	ASTM D751-B

Colorfastness & Surface Durability

Accelerated Weathering	:	No Cracking or Cracking	ASTM G154
Heat Resistance	:	≥90% Retention of Elongation & Tensile	56 days @ 80°C, ASTM D751-B
Linear Dimensional Change	:	0.1% max.	ASTM D1204
Water Immersion Wt Change	:	+/-3% max.	ASTM D570

Additional Properties

Static Puncture Resistance	:	Pass @ 15 kg Load	ASTM D5602
Dynamic Puncture Resistance	:	Pass @ 10 J Energy	ASTM D5635

Properties listed do not constitute a warranty or specification. Test values are based on materials conditioned and tested in a controlled laboratory using established standards and procedures. Properties vary based on embossed grain, color, multi-ply lamination and other variables.

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