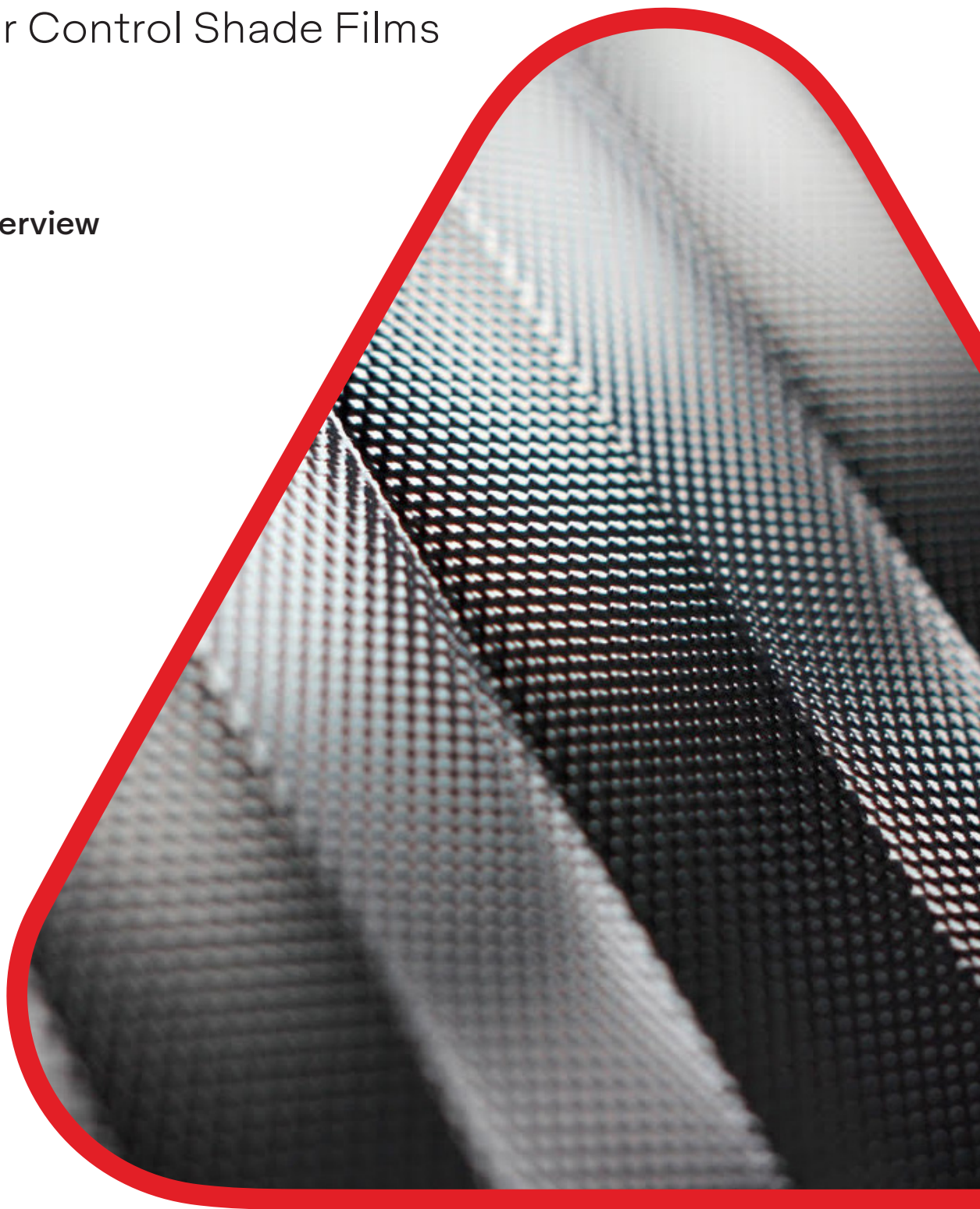


# Window Treatment Laminates

PET Solar Control Shade Films

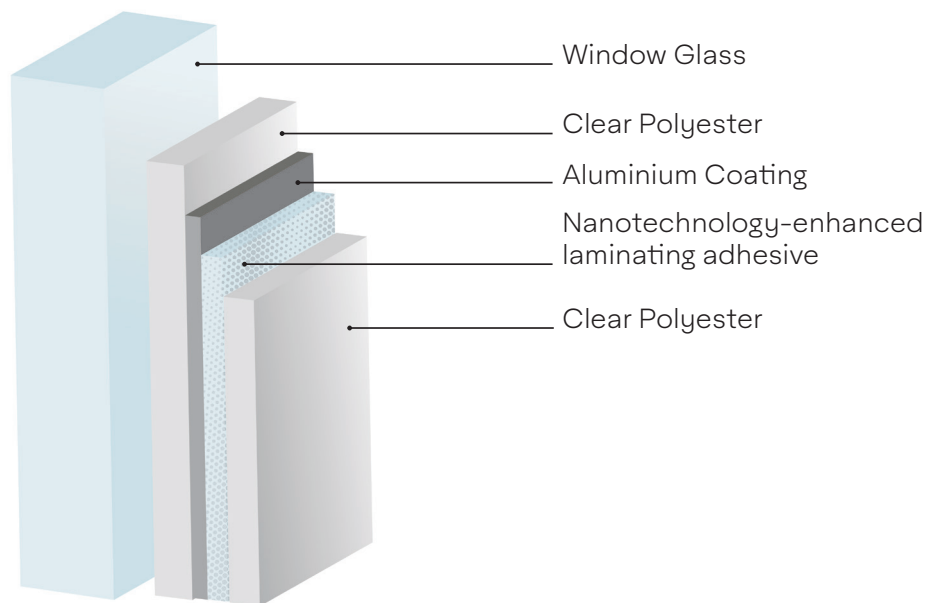
Product Overview



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## Transparent solar control shade films for embossed or pleated blinds

Avery Dennison Hanita offers a wide range of heat rejecting multi-ply solar shade films for the production of embossed or pleated roller and vertical blinds. A unique nanoparticle technology replaces the standard deep-dye film. This ensures that Hanita shade films are color stable, have a neutral appearance, and are highly processable, without shrink or curl. A reflective optical filter on the exterior surface delivers exceptional solar rejection properties for an effective reduction in heat gain and glare, and reduces up to 99% of harmful UV radiation.



Typical structure of dual reflective shade film

Films with low internal and external reflectance are also available in attractive, non-metallic shades of smoky grey. We also offer customized thicker versions of standard films when greater mechanical stability is needed, and an optional printable treatment for commercial and promotional use.

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## Benefits for shade manufacturer

- Excellent machinability for trouble-free processing
- Color stable for long lifetime
- Wide range of appearances and performance properties suited to commercial or residential applications
- 62" or 72" width
- Customization available, subject to minimum quantities

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## Benefits for consumer

- Virtually transparent, allowing unobstructed views
- Excellent heat and glare rejection, lowering energy costs
- High UV protection, helping reduce fading of furnishings and skin damage
- Wide choice of appearances and levels of heat rejection
- Customization available, subject to minimum quantities



3 mil opaque white/silver printed solar shade installed in Avery Dennison Hanita conference room

## Product Specifications – optical and solar properties

	Item Number	Visible Light Transmission %	Visible Light Reflected Int %	Visible Light Reflected Ext %	UltraViolet block %	Total Solar Energy Rejection %
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### Reflective

15 Silver-Sh	R07315	15	58	63	98	82
Mil 3 - 02 Silver	R073S2Z	15	88	89	98	96

### Non-reflective both sides

Mil 3 - 02 Smoke/Silver/Smoke	R069NN2	3	15	15	98	74
Mil 3 - 08 Smoke/Silver/Smoke	R069NN8	9	15	16	94	69

### Dual reflective – low interior reflectance

Opaque Black/Silver	R069N0P	0	16	85	99	96
Mil 3 - Opaque-White/Silver	R07350P	0	75	85	99	96
Silver/Smoke 3 - 01 Mil*	R073N01	0.5	20	88	99	98
Silver/Smoke* 02	R073N02	3	18	68	96	88
08 Smoke/Silver	R073N08	8	15	52	94	82
Mil 3 - 02 Grey/Silver	R07302	2	18	71	99	89
02 Bronze/Silver	R073BZ2	2	12	70	99	90
09 Bronze/Silver	R073BZ9	8	21	54	99	81
R073B09 09 Blue/Silver	R073B09	10	28	54	99	80

Performance results are calculated using NFRC methodology and LBNL Window 5.2 software, and are subject to variations in process conditions within industry standards and are only intended for estimating purposes.

\*Also available in 4 mil

### About Avery Dennison

Avery Dennison Corporation (NYSE: AVY) is a global materials science company specializing in the design and manufacture of a wide variety of labeling and functional materials. The company's products, which are used in nearly every major industry, include pressure-sensitive materials for labels and graphic applications; tapes and other bonding solutions for industrial, medical, and retail applications; tags, labels and embellishments for apparel; and radio frequency identification (RFID) solutions serving retail apparel and other markets. Headquartered in Glendale, California, the company employs more than 35,000 employees in more than 50 countries. Reported sales in 2021 were \$8.4 billion. Learn more at [www.averydennison.com](http://www.averydennison.com).



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