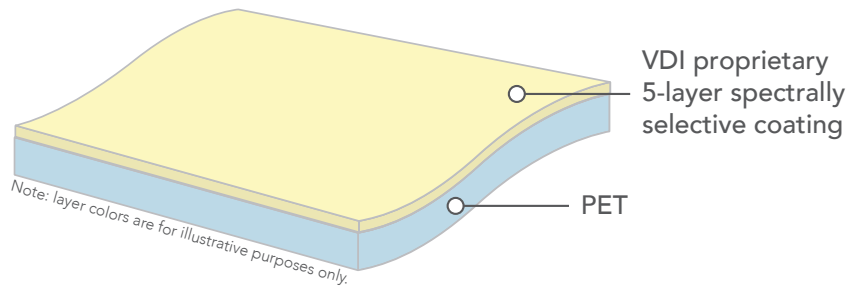


VDI's Spectrally Selective component is a highly engineered, multi-layered, film with an optically clear coating that offers superior solar heat rejection, high IR rejection, low visible light rejection and low absorption rate.

Spectrally Selective film provides maximum energy savings with a virtually invisible appearance. VDI's innovative technology selectively blocks infrared rays while allowing visible sunlight to shine through. Spectrally Selective film is great for maintaining the look of existing glass and is ideal for storefronts, commercial buildings and homes that need minimal light control and excellent heat rejection. The film also reduces passive solar gain even with increased interior illumination levels.

- Coating on PET, weatherable PET, UV-stable PET, or custom substrates
- 71% Visible Light Transmission
- 50% Total solar energy rejection
- 9% Visible light reflection
- 16% Solar absorption



Spectrally Selective Performance Measurements

(Component values only)

Visible Light:	
Transmitted %	71.0
Reflected Exterior %	9.0
Reflected Interior %	8.0
Total Solar Energy:	
Transmitted %	45.0
Reflected %	40.0
Absorbed %	16.0
Other Solar Properties:	
Shading Coefficient	0.57
Solar Heat Gain Coefficient	0.50
Ultraviolet Rejection %	59.0
Emissivity	0.05
Light to Solar Gain	1.44
Total Solar Energy Rejection %	50.0
Infrared Rejection %*	88.0
Infrared Energy Rejection %	74.0

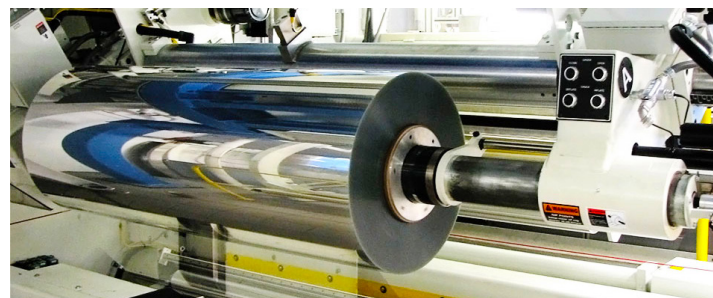
* IR Rejection based on average transmission from 780-2500nm.

Since only the user is aware of the specific conditions in which the product is to be used, it is the user's responsibility to determine whether the product is suitable for that intended use. If the specific conditions of use are critically dependent on any of the properties of the product, or if you need further information, contact VDI.

An Industry Leader

VDI, a subsidiary of Lintec Corp., is a key industry solutions provider to many industry leading companies – serving as one of the nation's foremost custom roll-to-roll metallizers of evaporative and sputtered coatings.

VDI uniquely offers three state-of-the-art metallization processes under one roof – evaporative deposition, sputtered deposition and electron-beam deposition.



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