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Film Manufacturer Data Sheet

V-KOOL USA

V-KOOL USA
13805 West Road, Suite 400
Houston, TX 77041

Overview
For over fifteen years, V-KOOL® is the leading clear window coating that solves the visibility and appearance problems of conventional window tints and reflective films, while significantly reducing solar heat build up.
V-KOOL technology is based on rejecting heat at the window versus absorbing the heat like ceramics and other film technologies. When applied to glass, V-KOOL allows up to 77% of visible light to pass while eliminating over 96% of infrared and 99% of ultraviolet light.
Retrofit your existing windows or apply to your newly constructed windows. V-KOOL,Inc., the exclusive distributor in the western hemisphere, is the clear choice for your need to block the heat while allowing light to pass through.

Premium Films

V-KOOL 70: offers the best balance between heat rejection and daylight transmission. VK70 will allow 70% of the light to transmit while rejecting 55% of the heat. It is virtually clear and will maintain the architectural integrity
V-KOOL 55: was developed to meet the IEC of .40 SHGC. This product has solar properties in between V-KOOL 70 and V-KOOL 40.
V-KOOL 40: is the solution when you are trying to reduce some glare while maximizing your heat control. VK40 will allow 43% light transmission while rejecting 65% of the heat.
V-KOOL 75: will give you the highest light transmission, but has less solar heat rejection than VK70.
V-KOOL 65: VK65 offers comparable heat rejection to VK75 with slightly less light transmission.
V-Kool LT Films: we offer a few conventional films for applications where glare and budget are an issue. Please call for details on these products.

NFRC Certification

NFRC is a non-profit organization that administers the only uniform, independent rating and labeling system for the energy performance of windows, doors, skylights, and attachment products. V-KOOL, through Southwall Technologies, has had certain V-KOOL films certified by the NFRC.

Construction

V-KOOL was originally developed for America's Space and Defense programs. It represents an important breakthrough in surface and practical science. It works through a patented process known as sputtering in which tiny particles of exotic metals are embedded in optically clear, durable polyester film. We use a durable pressure-sensitive adhesive to adhere to the glass and on the other side is a durable Scratch Resistant coating to ensure a long life.