

Fade Reduction and 3M Window Films

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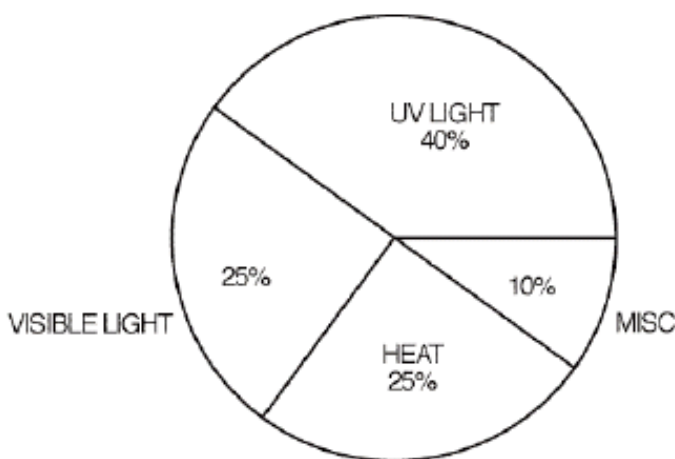
3M Sun Control Window Films are designed to help reduce the major causes of fading (ultraviolet light, visible light, and solar heat), thus prolonging the life and preserving the appearance of interior furnishings.

As a general rule of thumb, Ultraviolet (UV) is approximately 40% of the cause of furniture fading, visible light about 25%, and heat about 25%. The remaining 10% can be attributed to humidity, pollutants, interior lights, dye anchorage, and other causes.

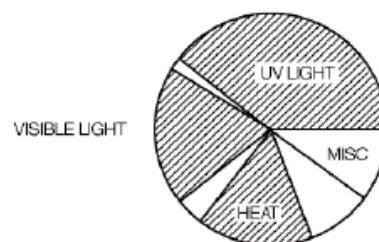
You will notice that 3M specification sheets do not include Fade Reduction data, this is due to the simple fact that the calculation of fade reduction is far from an exact science. While films reduce the effects of fading, it is not possible to put an exact percentage on fade reduction; there are too many different factors at play. Any type of fade reduction figures should be considered nothing more than indicative, basically a guess. Fade reduction is not hard data, and it is for this reason that 3M do not include fade reduction figures in our specification sheets.

You can use the following pie chart to get an indication of fade reduction for different films. You can calculate fade reduction by this method but don't get too hung up on the exact numbers, they are just indicative. This is a good tool to use to get an idea of how films compare to each other in terms of fade reduction.

What Causes Fading? "As A Rule Of Thumb"



Approximate fade reduction with Silver P18ARL (P-18ARL)



If you have any further queries in regard to 3M Safety and Security Films, please contact 3M Customer Service on 136 136.

3M Technical Service

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