

Advantage -

1. Drive cooler by reducing excessive solar heat
2. Better eye comfort
3. Great maintenance with less scratch
4. Long life indoor fabric from fading

IR-Cut Hard-Coating

Chip-Dyed PET Film ($23 \pm 1 \mu\text{m}$)

UV-Cut PSA

Silicone Release Film($23 \mu\text{m}$)

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|------------------------------------|-------------|------|------------------------|
| Visible Light Transmitted | | 27% | ASTM E424 KS L 2016 |
| Visible Light Reflected | External | 4% | ASTM E424 KS L 2016 |
| | Internal | 3% | |
| Solar Heat Reduction | | 39% | ASTM E424 |
| Solar Heat | Reflected | 3% | ASTM E424 KS L 2016 |
| | Absorbed | 60% | |
| | Transmitted | 37% | |
| IR Transmitted | | 60% | ASTM E424 |
| UV Rejected | | 99%↑ | ASTM E424 |
| Total Solar Energy Rejected (TSER) | | 47% | ASTM E424 |

| | | |
|---------------------------------------|---------------------|------------|
| Thickness | 1Mil/ 1Ply | |
| Shading Coefficient | 0.61 | ASTM E424 |
| Solar Heat Gain Coefficient (SHGC) | 0.53 | ASTM E424 |
| Scratch Resistant | > 2H | ASTM D3363 |
| Haze | 0.7 % | ASTM D1003 |
| Adhesion of Hard-Coated Surface | 5B (0% peel-off) | ASTM D3359 |