

Advantage -

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

IR-Cut Hard-Coating

Optical Grade PET Film ($100\pm1\mu\text{m}$)

UV-Cut PSA

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

| | | | |
|------------------------------------|-------------|-------|-----------------------|
| Visible Light Transmitted | | 78% | KS L 2016 ISO 9050 |
| Visible Light Reflected | External | 8% | KS L 2016 ISO 9050 |
| | Internal | 8.1% | |
| Solar Heat Reduction | | 18% | KS L 2016 |
| Solar Heat | Reflected | 6.7% | ISO 9050 |
| | Absorbed | 34.8% | |
| | Transmitted | 58.5% | |
| IR Transmitted | | 42% | ISO 9050 |
| UV Rejected | | 99%↑ | KS L 2514 ISO 9050 |
| Total Solar Energy Rejected (TSER) | | 32.4% | ISO 9050 |

| | | |
|---------------------------------------|---------------------|------------|
| Thickness | 4Mil/1Ply | |
| Shading Coefficient | 0.82 | KS L 2016 |
| Solar Heat Gain Coefficient (SHGC) | 0.7 | KS L 2514 |
| Scratch Resistant | >2H | ASTM D3363 |
| Haze | 0.9% | ASTM D1003 |
| Adhesion of Hard-Coated Surface | 5B (0% peel-off) | ASTM D3359 |