

# TC 4095

## Microworks Window Film

### 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

#### Clear Hard-Coating

Optical Grade PET Film ( $23 \pm 1 \mu\text{m}$ )

#### Adhesive

Optical Grade PET Film ( $23 \pm 1 \mu\text{m}$ )

#### UV-Cut PSA

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

|                                    |             |       |                       |
|------------------------------------|-------------|-------|-----------------------|
| Visible Light Transmitted          |             | 36%   | KS L 2016<br>ISO 9050 |
| Visible Light Reflected            | External    | 5.6%  | KS L 2016<br>ISO 9050 |
|                                    | Internal    | 5%    |                       |
| Solar Heat                         | Reflected   | 5.6%  | ISO 9050              |
|                                    | Absorbed    | 71.7% |                       |
|                                    | Transmitted | 22.8% |                       |
| IR Rejected                        |             | 96%   | ISO 9050              |
| UV Rejected                        |             | 99%   | KS L 2016<br>ISO 9050 |
| Total Solar Energy Rejected (TSER) |             | 58.4% | ISO 9050              |

|                                    |                     |            |
|------------------------------------|---------------------|------------|
| Thickness                          | 2Mil/2Ply           |            |
| Shading Coefficient                | 0.54                | JIS A 5759 |
| Solar Heat Gain Coefficient (SHGC) | 0.47                | KS L 2514  |
| Scratch Resistant                  | >2H                 | ASTM D3363 |
| Adhesion of Hard-Coated Surface    | 5B<br>(0% peel-off) | ASTM D3359 |