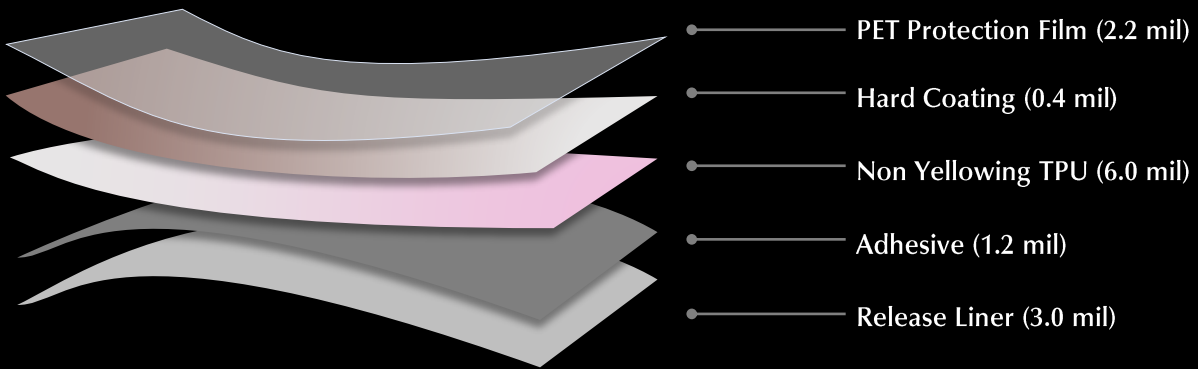


# KEEPGARD PRO-S

10 YEARS WARRANTY



| Properties              | Value  | Method  |
|-------------------------|--|---|
| Thickness               | 7.6mil ( $\pm 0.2$ mil)                      | Thickness Gauge   |
| Glossy <sup>60°</sup> ) | Above 90 GU                                  | Glossmeter (KS M ISO2813 : 2015)  |
| Transmittance (%)       | Above 90                                     | ASTM D1003  |
| Contact Angle           | Above 100                                    | ASTM D5946  |
| Self-Healing            | Within 10 min                                | RT, Copper Brush Scratching   |
| Solvent resistance      | No Detrimental Effect                        | IPA, Motor oil, Acetone<br>After Dropping 24hrs later                               |
| Tensile Strength        | 23 $\pm$ 3 Mpa)                              | ASTM D882-18  |
| Elongation at break     | 350% $\pm$ 10                                | ASTM D882-18  |
| Adhesive                | 1,900gf/in $\pm$ 100<br>2,200gf/in $\pm$ 100 | Initial, State Adhesion JIS K 6854-2  |
| Adhesion transfer       | None   |   |
| Anti-Yellowing          | $\Delta E$ 0.4~0.8                           | QUV Tester, UVA-340, Irradiance 0.76W/m <sup>2</sup><br>Xenon Arc 12,000W /1,000hrs |