

Product Features

10 year Warranty | **High Gloss & Matte** Protection Film

Our TPU M15 Protection Films have thickness of 190 Microns
While TPU M80 Protection Films have 216 Microns

These Films are covered by 10-year warranty, provided that the specified conditions & usage recommendations are applied:

- MAKINE **Ultra-Glossy** and Matte finish options
Stain Resistant
- MAKINE **Easy to clean**
- MAKINE **Nearly invisible** on the surface
- MAKINE **Does not yellow** or become matte over time
- MAKINE **Heat-Sensitive** micro heat over scratch
- MAKINE **Leaves no adhesive** residue upon removal, ensuring no damage to the original surface
- MAKINE **High resistance** to abrasion and impact



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Material	TPU M15 7.5 Mil (196 Microns)	TPU M80 8.5 Mil (216 Microns)
Basic Raw Material	American Lubrio TPU+ Ashland Glue	American Lubrio TPU+ Ashland Glue
Color & Coating	Glossy Clear Hydrophilic	Glossy Clear Hydrophilic
Self Healing	100% Hot Repair	100% Hot Repair
Acrylic adhesive layer 180 Degree peeling force	20 min = 1368 gf/inch 24h = 2955 gf/inch	20 min = 1265 gf/inch 24h = 2882 gf/inch
Physical Properties	Coating elongation at break c = 120% PPF Elongation at break = 415% Tear Strength = 96.9 KN/m Tensile Strength = 42.1Mpa 100% Modulus = 9.2 Mpa	Coating elongation at break c = 116% PPF Elongation at break = 465.1% Tear Strength = 112.9 KN/m Tensile Strength = 62.1Mpa 100% Modulus = 9.2 Mpa
QUV	▲ E*ab = 0.14	▲ E*ab = 0.14
Warranty	10 Years	10 Years

