



BODY GARD MATTE

Key features

- Self Healing
- Non-Yellowing
- Water Beading
- Anti Chipping
- 8MILS Thickness

Basic parameters	Test Method	Specification	unit	Test result
Color	Visual Inspection	Matte	μm	Matte
Liner PET Film Thickness	GB/T 6672-2001	85±3	μm	88
Products Total Thickness	GB/T 6672-2001	185±5%		192
Glossy	Gloss Meter @60°	<20		13.8
UV Rejection	LS182 Test Meter	>90		98.2
QUV ageing resistant	ASTM G154-16 circulati 1	AE*ab < 2		0.23
Hydrophobic	Mark Pen/Water	Hydrophobic		Hydrophobic
Surface permeability resistance	MG-2110 Mark pen, 10safter alcohol wipe	slight/no trace		slight traces
Thermal self-healing	Brass brush 10 times, 50-70°C hot water 1m	100% self- healing		100% self-healing
Acrylic layer peeling force/20min	GB/T 2792	>600	gf/inch	1710
Acrylic layer peeling force/24h	GB/T 2792	>1000	gf/inch	2073
Tear strength	GB/T 529	≥40	KN/m	60.3
Elongation at break of coating	GB/T 1040.1	>70	%	77
Tensile Strength	GB/T 1040.1	>15	Mpa	32.3
Elongation at break of PPF	GB/T 1040.1	>200	%	487.3
100% modulus	GB/T 1040.1	>5	Mpa	5.8