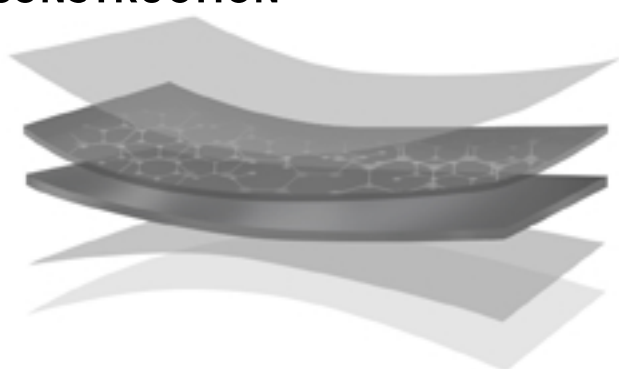


## INFORMATION

MagiRing's Matte T, made with Covestro TPU and Ashland adhesive, is a 7.5 mil thick matte film designed to meet the needs of discerning customers. Its easy installation process and residue-free removal make it a favorite among both professionals and DIY enthusiasts.

Matte T films offer 100% self-healing properties, effectively safeguarding your vehicle's surface from everyday road hazards. The elegant matte finish provides a sophisticated look, complemented by a silky smooth touch that enhances the overall aesthetic of luxury cars. Beyond its visual appeal, Matte T also protects against harmful UV rays, preventing paint fading and eliminating the risk of yellowing, ensuring that vehicles maintain their sleek appearance even under the harshest sunlight. For Matte-T, we have one thickness (150um) available.

## PRODUCT CONSTRUCTION



**SURFACE PROTECTIVE FILM**

**SELF-HEALING COATING**  
100% self-repairing

**TPU THIN FILM (BASE MATERIAL)**  
150um  
Covestro TPU

**VISCOSE LAYER (GLUE)**  
Ashland Self-adhesive Glue

**RELEASE LINER**

## GENERAL CHARACTERISTICS

ESSENTIAL ATTRIBUTE	MEASURING METHOD	SPECIFICATION	UNIT	INSPECTION RESULT
Colour	Visual inspection	Colorless and matte	/	Colorless and matte
Thickness of the upper PET protective film	GB/T 6672-2001	/	μm	/
Thickness of the lower PET protective film		85±3	μm	85
Total thickness of finished film		185±5%	μm	185
Glossiness	/	/	GU	15.2
Uv blocking	LS182 DETECTOR	>90	/	>90
QUV Aging resistance	ASTM G154-16 LOOP 1	ΔE*ab<2	/	<2
Thermal self-healing	Brass brush 10 times, 50-70°C hot water for 1 minute.	most part repairing	/	most part repairing
Acrylic layer peeling force/20min	GB/T 2792	>600	gf/inch	>1500
Acrylic layer peeling force/24h		>1000	gf/inch	>2000
Tearing strength	GB/T 529	≥40	KN/m	≥70
Elongation at break of coating		>60	%	>75
Tensile strength	GB/T 1040.1	>15	Mpa	>30
PPF Elongation at break		>200	%	>400
100% modulus		>6	Mpa	≥6.5

**NOTE:** The total thickness of the finished film is the sum of TPU thickness, coating thickness and adhesive thickness. The aging test duration of QUA is 1000h.