

# STANDARD



**5** Year  
warranty

## STANDARD SERIES 6.5 mil

For those who desire reliable protection without compromise. The Standard Series provides solid defense with its 6.5 MIL thickness, backed by a 5-year warranty.



# STANDARD GLOSSY SERIES 6.5 mil

- Genuine TPU Grade
- Self Healing + Hydrophobic
- Ultra High Glossy/100% Non Yellowing
- TPU Glue Made In The USA

PRODUCT PROPERTIES	TEST VALUE
ANTI-YELLOWING	B VALUE<3
MATERIAL HARDNESS	90A
TPU THICKNESS	130 μM
COATING THICKNESS	10 μM
ADHESIVE THICKNESS	20 μM
OVERALL THICKNESS	165 μM / 6.5MIL ±3%
COATING LAYER ELONGATION	>210%
FINISHED FILM ELONGATION	>368%

PRODUCT PROPERTIES	TEST VALUE
TENSILE RESISTANCE	18MPA
TEAR RESISTANCE	70N
PUNCTURE RESISTANCE	13N
INTIAL ADHESIVENESS	>800G
HOLD ADHESIVENESS	>1300G
GLOSSINESSS	95GU
SCRATCH REPAIR	HEAT-REPAIR
COATING ADHESION	LEVEL 5

TPU GRADE					
PROPERTY	ITEM	UNIT	SPECIFICATION	TEST VALUE	TEST METHOD
Physical	Top Film Thickness	um	50x2	52	ASTMD374
	Products Total Thickness	um	188x10	190	ASTMD374
	Liner Film Thickness	um	75x23	77	ASTMD374
Optical	Gloss	-	-	95.4	Gloss meter +60*
	UV Rejection	%	>90	97.3	Ls162 Test meter
Weather resistance	QUV ageing resistant QUV	-	AE*ab<2	PASS	ASTM G154-16 Circulation 1
Top coating	Hydrophilic / Hydrophobic	-	Hydrophobic	Hydrophobic	Water
	Surface permeability resistance	-	Slight/no trace	Slight trace	MG-2110 Mark pen,10safter alcohol wipe
	Ordinary temperature self-healing	-	100% self-healing	100%	Brass brush 10 times,ordinary temperature 1second
Stripping force	Acrylic layer peeling force / 20min 20	gf/inch	>600	1707	GB/T 2792
	Acrylic layer peeling force / 24h 24	gf/inch	>1000	2345	GB/T 2792
Mechanical	Elongation at break of coating	%	>70	150	GB/T 1040.1
	Tensile Strength	Mpa	>15	24.3	GB/T 1040.1
	Elongation at break	%	=200	296.56	GB/T 1040.1
	100% modulus 100%	Mpa	>>5	6.95	GB/T 1040.1
Remarks:	1.Total thickness means: top coating + TPU film + adhesive 2.QUV the aging resistance test duration is 2000h				