

	Premium PPF			Standard PPF				
	PPF-170S	PPF-170H	PPF-172S	PPF-143	PPF-144	PPF-151S	PPF-14200	PPF-14260
Total Thickness	325 micron (13 mil)	325 micron (13 mil)	325 micron (13 mil)	325 micron (13 mil)	325 micron (13 mil)	325 micron (13 mil)	380 micron (15.2 mil)	440 micron (17.6 mil)
Protection Film	50 micron (2 mil)	50 micron (2 mil)	50 micron (2 mil)	50 micron (2 mil)	50 micron (2 mil)	50 micron (2 mil)	50 micron (2 mil)	50 micron (2 mil)
Top Coat	15 micron (0.6mil)	15 micron (0.6mil)	15 micron (0.6mil)	15 micron (0.6mil)	15 micron (0.6mil)	15 micron (0.6mil)	20 micron (0.8mil)	20 micron (0.8mil)
TPU Film Thickness	150 micron (6mil)	150 micron (6mil)	150 micron (6mil)	150 micron (6mil)	150 micron (6mil)	150 micron (6mil)	200 micron (8mil)	260 micron (10.4mil)
Adhesive	35 micron (1.4mil)	35 micron (1.4mil)	35 micron (1.4mil)	35 micron (1.4mil)	35 micron (1.4mil)	35 micron (1.4mil)	35 micron (1.4mil)	35 micron (1.4mil)
Peeling Property	18 ~ 25N/inch	18 ~ 25N/inch	18 ~ 25N/inch	18 ~ 25N/inch	18 ~ 25N/inch	18 ~ 25N/inch	18 ~ 25N/inch	18 ~ 25N/inch
PET Release Liner	75 micron (3mil)	75 micron (3mil)	75 micron (3mil)	75 micron (3mil)	75 micron (3mil)	75 micron (3mil)	75 micron (3mil)	75 micron (3mil)
Self-Healing Coating	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Hydrophobic Coating	Very Good	Very Good	Very Good	Good	Good	Good	Good	Good
Hydrophobic Property	R9 - R10			R9 - R10				
Anti-Chemical Function	Very Good	Very Good	Very Good	Good	Very Good	Good	Good	Good
Stone Chip Resistance	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Elongation at Break	≥ 450%	≥ 420%	≥ 450%	≥ 470%	≥ 450%	≥ 450%	-	-
Tensile Strength	35 Mpa	35 Mpa	35 Mpa	35 Mpa	35 Mpa	35 Mpa	-	-
Anti-Yellowing	ΔE<0.7 (QUV Accelerated agin test (6500W) 2000h colorimet			ΔE<0.7 (QUV Accelerated agin test (6500W) 2000h colorim				
Durability	5 ~ 10 years			5 ~ 10 years			3 ~ 5 years	



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	Economic PPF		Matt PPF		Carbon Black PPF	Black PPF		Color PPF
	PPF-0513	PPF-0515	PPF-152M	PPF-153	PPF-151CB	PPF-151B	PPF-350B	PPF-300 Series
Total Thickness	295 micron (11.8 mil)	315 micron (12.6 mil)	260 micron (10.4mil)	310 micron (12.4mil)	325 micron (13 mil)	325 micron (13 mil)	325 micron (13 mil)	325 micron (13mil)
Protection Film	50 micron (2 mil)	50 micron (2 mil)	x	50 micron (2 mil)	50 micron (2 mil)	50 micron (2 mil)	50 micron (2 mil)	50 micron (2 mil)
Top Coat	15 micron (0.6mil)	15 micron (0.6mil)	x	x	15 micron (0.6mil)	15 micron (0.6mil)	15 micron (0.6mil)	15 micron (0.6mil)
TPU Film Thickness	130 micron (5.2 mil)	150 micron (6mil)	150 micron (6mil)	150 micron (6mil)	150 micron (6 mil)	150 micron (6 mil)	150 micron (6 mil)	150 micron (6 mil)
Adhesive	25 micron (1 mil)	35 micron (1.4mil)	35 micron (1.4mil)	35 micron (1.4mil)	35 micron (1.4 mil)	35 micron (1.4 mil)	35 micron (1.4 mil)	35 micron (1.4mil)
Peeling Property	18 ~ 25N/inch	18 ~ 25N/inch	18 ~ 25N/inch	18 ~ 25N/inch	18 ~ 25N/inch	18 ~ 25N/inch	18 ~ 25N/inch	
PET Release Liner	75 micron (3mil)	75 micron (3mil)	75 micron (3mil)	75 micron (3mil)	75 micron (3mil)	75 micron (3mil)	75 micron (3mil)	75 micron (3mil)
Self-Healing Coating	Yes	Yes	x	x	Yes	Yes	Yes	Yes
Hydrophobic Coating	Good	Good	x	x	x	Good	Good	Very Good
Hydrophobic Property	R9 - R10		x	x	x	R9 - R10	R9 - R10	R9 -R10
Anti-Chemical Function	Good	Good	x	x	x	Good	Good	Very Good
Stone Chip Resistance	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Elongation at Break	≥ 450%	≥ 450%	≥ 450%	≥ 450%	≥420%	≥450%	≥450%	≥450%
Tensile Strength	35 Mpa	35 Mpa	35 Mpa	35 Mpa	35 Mpa	35 Mpa	35 Mpa	35 Mpa
Anti-Yellowing	ΔE<0.7 (QUV Accelerated agin test (6500W) 2000h colorimet							
Durability	1 ~ 3 years		3 years	3 years	3 ~ 5 years	3 years	3 years	3 ~10 years

Important Notice

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