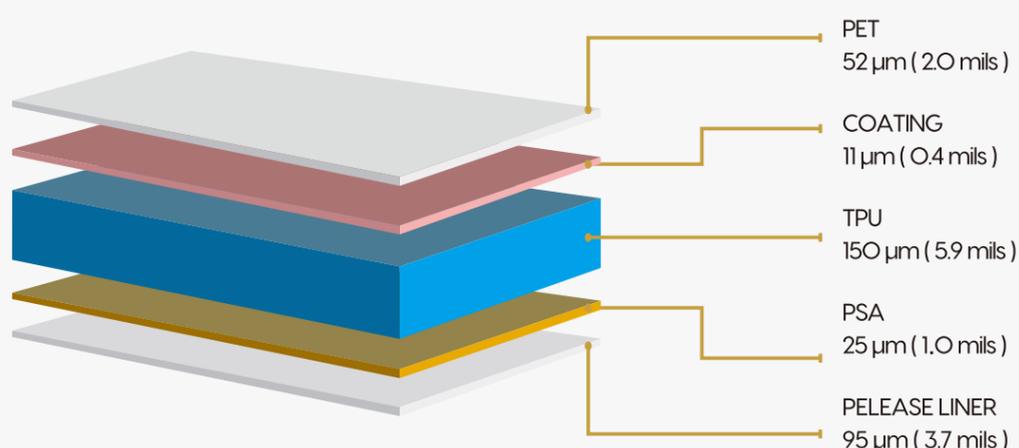


PRODUCT DESCRIPTION

COLOR TPU SERIES-Ferrari Red

FERRARI RED is the product of UPPF hi-end Color TPU Series. This is a red TPU film that is more perfect than Ferrari original red paint, no orange peel, no scratches, high brightness. It's obvious that this is the most perfect red effect you have ever seen, which uses UPPF's exclusive PLATICOAT™ coating, with leading function of anti-fouling, self-healing and long-lasting brightening effect.



OVERALL THICKNESS 186 μm
(7.3 mils) +/- 5%

PRODUCT DESCRIPTION

Ferrari Red		GENERAL CHARACTERISTICS	
Properties	Typical Values	Testing Conditions	Standards Used
peel strength	5.3 N/cm >7 N/cm >7 N/cm >7 N/cm >7 N/cm	20 mins at room temperature 72hrs at room temperature 168hrs at 70°C temperature 168hrs by accelerated aging at 35°C 100% humidity	PSTC 101
TPU thickness	5.9mils	Micrometer	GB/T 6672-2001
Total thickness coating+polyurethane+PSA	7.3mils	Micrometer	GB/T 6672-2001
PET thickness	2.0mils	Micrometer	GB/T 6672-2001
Release liner thickness	3.7mils	Micrometer	GB/T 6672-2001
Tensile strength	21.3MPa		ASTM D882
Elongation	310%		ASTM D882
Coating Elongation	108%		ASTM D882
Tear strength	64.6N/mm		ASTM D624-00(2007)
Puncture strength	13.5N		GB/T 10004
Glossiness	>94GU	60° angle	ASTM D523
UV resistance	100%		GB/T 18830
Maximum service temperature	116°C		
Water Immersion Heat age Shrinkage ratio UV aging Xenon aging	PASS-no change PASS-no change <0.2% PASS-no change PASS-no change	water immersion for 16days at 40°C 16days at 80°C 48hrs at 80°C UV (SUV W161) UV (SUV W161) for 21 days Xenon Arc 2,000 hrs	
Stone chip resistance	PASS-no change		SAE J400
Water & soap resistance Acid resistance Gasoline resistance Diesel fuel resistance Motor oil resistance Lacquer thinner resistance grease cleaner resistance Acetone resistance	PASS-no change PASS-no change PASS-no change PASS-no change PASS-no change PASS-no change PASS-no change PASS-no change	check the change for 24hrs after 30 mins immersion	
Stone chip resistance	PASS-no change	Taber Abrasion	