Profilm™

Performance Data

	Performance Test	Test Condition	Typical Values
Physical Properties	Overall Thickness (µm)		192 µm
	TPU		150 µm
	Top Coat		7 µm
	Adhesive		35 µm
	Liner		75 µm
Mechanical Properties	Tensile Strength	ASTM D882	17.5 MPa
		ASTM D882	> 300%
Peel Strength	Initial Peel	20min, RT	> 400 n/m
	Normal State	72h, RT	> 400 n/m
	After Water Immersion	400h, 40ºC	> 400 n/m
	After Accelerated Weathering	2000h, QUV	> 400 n/m
Aging Test	Heat Aging	16 days, 80ºC	NDE
	Water Immersion	400h, 40ºC	NDE
	Accelerated Weathering	2000h, QUV	NDE
	Boiling Water	5 min	NDE
Gloss	Gloss	60º	13
Stone Chip Resistance	Gravelometer	SAE J400	Pass
Solvent Resistance	Water & Soap spotting	24h	NDE
	Acid Spotting	24h	NDE
	Isopropyl Alcohol	24h	NDE
	Hexane/Toluene	24h	NDE
	Motor Oil	24h	NDE
Warranty			7 years

NDE: No Detrimental Effect