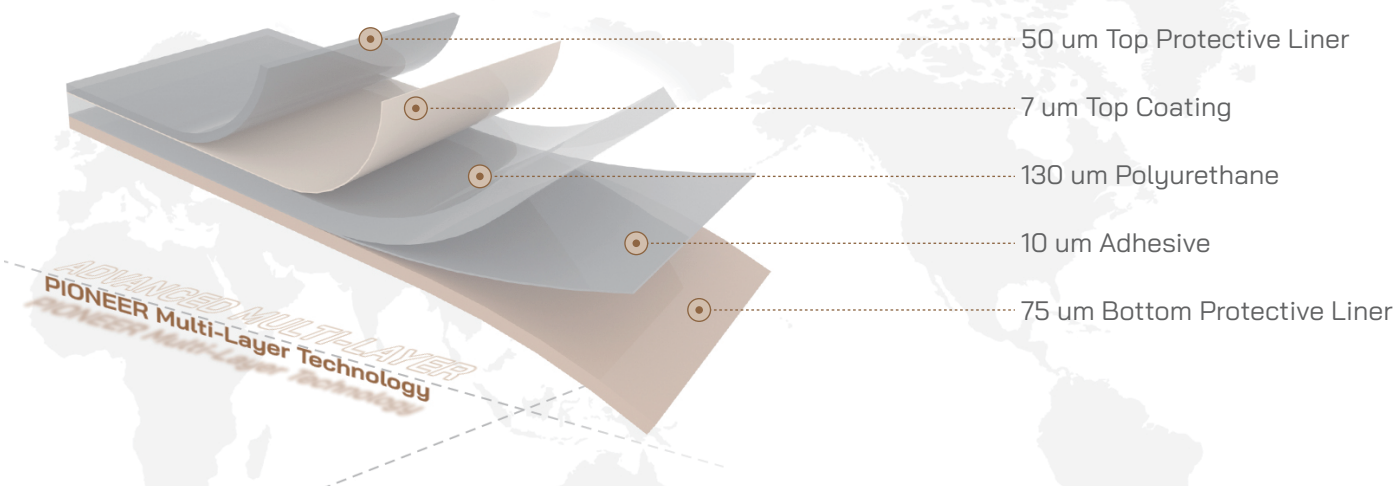


SHIELD

Unseen Strength, Unmatched Clarity

The **PIONEER SHIELD** Series sets a new benchmark in windshield protection—offering invisible strength and flawless visibility.

Designed to withstand daily road challenges, SHIELD provides long-lasting defense against debris, weather, and UV damage while keeping your windshield crystal clear.



Test Results		
Test	Data	Test Method
Gloss Value (60°)	≥ 90°	QC/T 1171-2022
Water Contact Angle	≥ 101°	DL/T 864
Elongation at Break	≥ 185%	GB/T 30776-2014
Tensile Strength	≥ 20 MPA	GB/T 1040
Tear Strength	≥ 489 gf	GB/T 30776-2014
Puncture Resistance	≥ 26N	GB/T 30776-2014
Haze	0.38%	QC/T 1171-2022
VLT	≥ 92%	QC/T 1171-2022
UV Resistance	≥ 99%	QC/T 1171-2022
Scratch Self Healing	Self Healing	
Impact Resistance	No Damage	SAE J400
Chemical Resistance	No Damage	Solvent: Antifreeze/Gasoline/Lubricating Oil
Yellowing Resistance ΔE	0.17	QC/T 1171-2022

* Roll Size: 48''*50'(1.22m x 15m) * Pioneer SHIELD comes with 1 year warranty