



ENGINEERED SHEET PRODUCTS

A DIVISION OF RTP COMPANY

ESP Engineered Plastic Sheet

You can depend on ESP's R&D Engineers' unbiased, innovative thinking and attention to detail to solve your applications problems with a specialty sheet solution.

Performance Enhancements

ESP Series	BASE POLYMER	ABBREVIATION	Structural	Conductive	Flame Retardant	Wear Resistant	Color
100	Polypropylene	PP	●	●	●	●	●
200 E	Amorphous Nylon	PA	●	●	●	●	●
300	Polycarbonate	PC	●	●	●	●	●
400	Polystyrene	PS	●	●	●	●	●
600	Acrylonitrile Butadiene Styrene	ABS	●	●	●	●	●
700	Polyethylene	PE	●	●	●	●	●
800	Acetal	POM	●	●		●	●
900	Polysulfone	PSU	■	●	●	●	●
1100	Polyethylene Terephthalate	PET	●	●	●	●	●
1100 A	Glycol Modified Polyethylene Terphthalate	PETG	●	●	●	●	●
1400	Polyethersulfone	PES	■	●	○	●	●
1800	Acrylic	PMMA	●	●		●	●
1800 A	Polycarbonate/Acrylic Alloy	PC/PMMA	●	●	●	●	●
2100	Polyetherimide	PEI	■	●	○	●	●
2200	Polyetheretherketone	PEEK	■	●	○	●	●
2500	Polycarbonate/ABS Alloy	PC/ABS	●	●	●	●	●
2800	Thermoplastic Polyolefin Elastomer (TPE)	TEO	●	●	●	●	●
2800 B	Thermoplastic Vulcanizate Elastomer	TPV	●	●	●	●	●
3300	Polyvinylidene Fluoride	PVDF	■	●	○	●	●

■ = High Temperature Resins ○ = Inherently Flame Retardant



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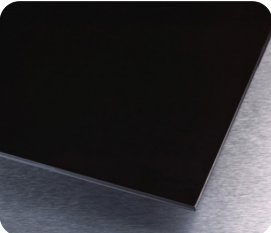
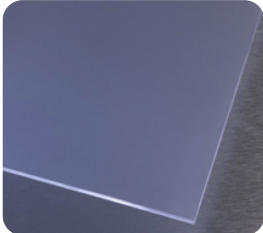
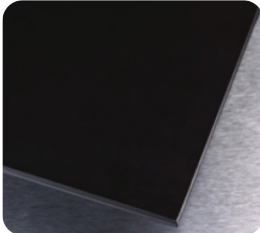
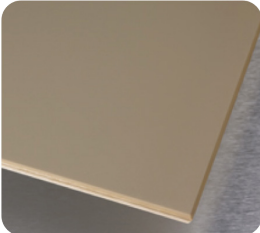



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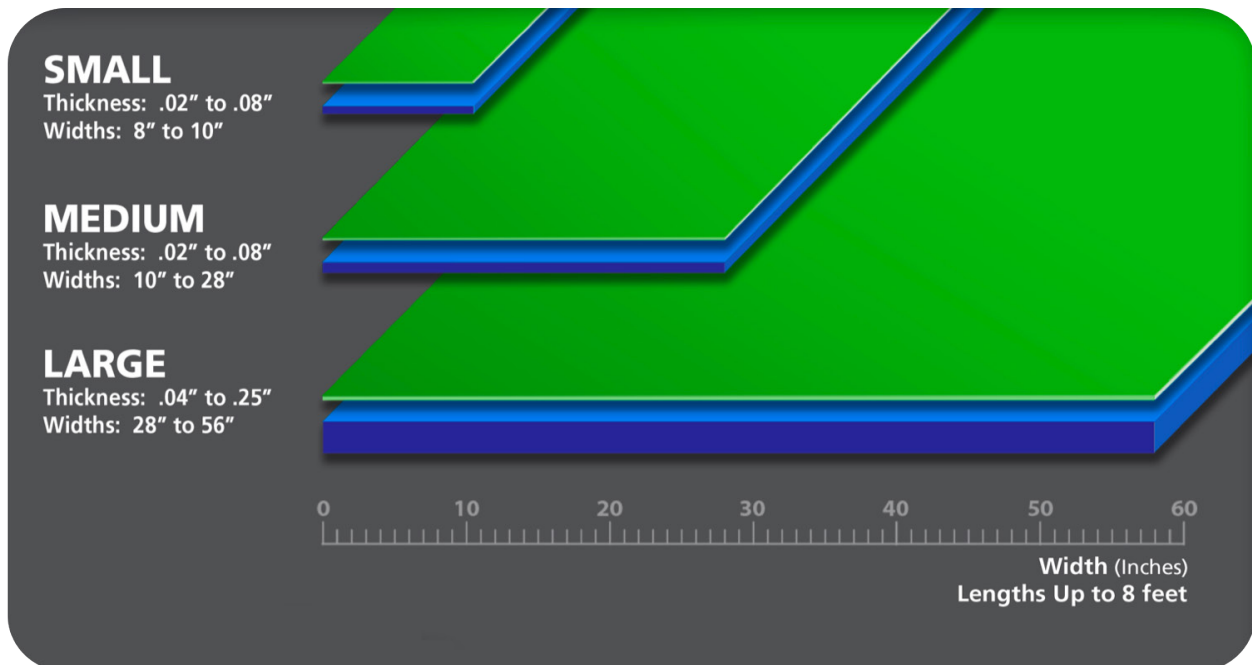
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ESP Product Capabilities: Examples

ESP has a wide range of technologies and the ability to mix attributes to meet your specific application requirements.

Structural ●	Conductive ●	Flame Retardant ●	Wear ●	Color ●
				
ESP 105 Glass reinforced PP Over 3x the stiffness and 2x the strength of unfilled PP sheet	ESP 1100A Permastat Antistatic PETG Transparent with permanent antistatic protection throughout the sheet	ESP 2500 FR A FR PC/ABS V-0 per UL94 with an endless range of color options	ESP 800 TFE Acetal with PTFE Reduces the effects of wear and friction	ESP 300 Glow in the Dark PC Up to 10x longer afterglow than standard pigments

ESP Sheet Capability Sizing



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