



# 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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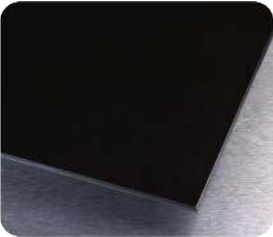
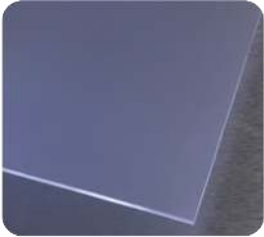





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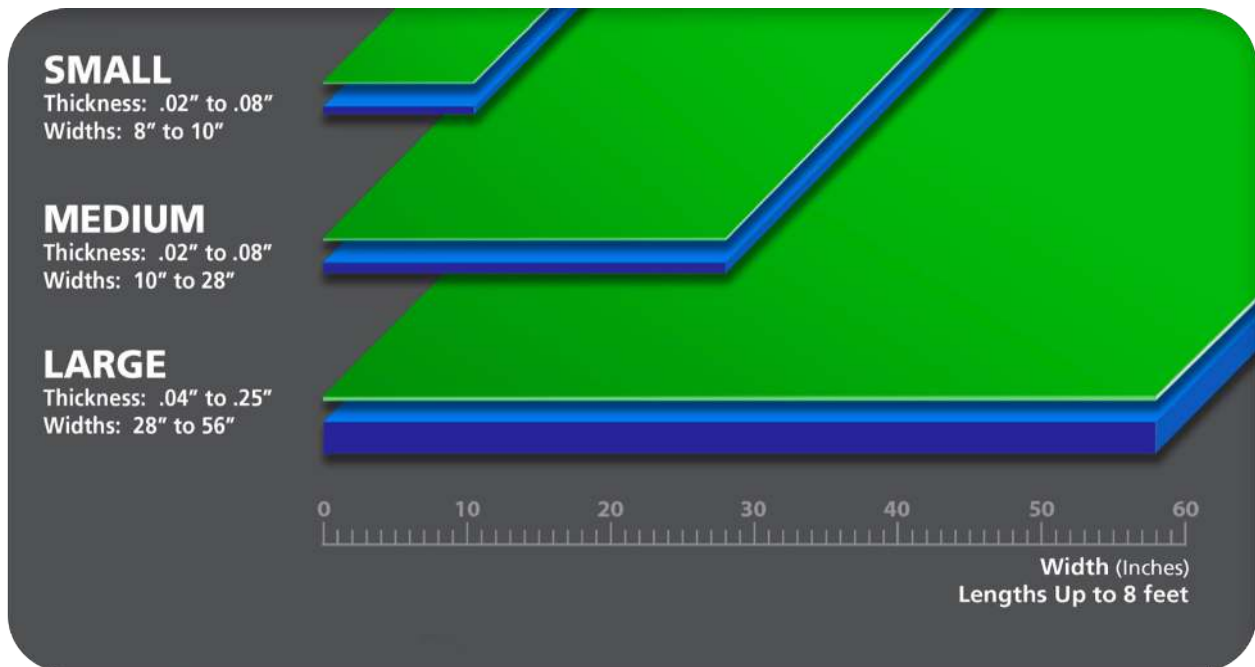
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## ESP Product Capabilities: Examples

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

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

## ESP Sheet Capability Sizing



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