



Custom Profile Extrusions

Standard Extrusion Tolerances

	Rigid Vinyl	Flexible Vinyl	Poly-Ethylene	Poly-Styrene
Wall Thickness (+/- %)	8	10	10	8
Angles (+/- Degrees)	2	5	5	5
Profile Dimensions (+/- Inches)				
.000 to .125	.007	.010	.012	.007
.125 to .500	.010	.015	.025	.012
.500 to 1.000	.015	.025	.030	.017
1.000 to 1.500	.020	.030	.035	.025
1.500 to 2.000	.025	.035	.040	.030
2.000 to 3.000	.030	.040	.045	.035
3.000 to 4.000	.045	.065	.065	.050
4.000 to 5.000	.060	.093	.093	.065
5.000 to 7.000	.075	.125	.125	.093
7.000 to 10.000	.093	.150	.150	.125

Common Thermoplastic Uses

Rigid Polyvinyl Chloride (Rigid Vinyl (RPVC), Unplasticized PVC (UPVC)

Economical and tough material which is inherently flame retardant and resistant to most chemicals. Can be offered as weather resistant, high tensile and impact resistant and is easily machined.

Flexible Polyvinyl Chloride (Flexible Vinyl (FPVC), Plasticized PVC (PPVC)

Offered in a wide range from rubbery soft to semi-rigid, the resiliency of this material is widely used for its abrasion resistance and insulating characteristics as weather stripping, impact resistant bumpers, flexible tubing or cushioning devices.

Polyethylene (PE)

Low Cost and light in weight, this tough material has excellent tensile strength and flexibility with a surface which exhibits high lubricity, moisture and acid resistant.

Polystyrene (PS), High Impact Polystyrene (HIPS)

Economical rigid material, light in weight, having a very hard and high energy surface. Excellent chemical resistance to alkalis and weak acids. Exhibits low moisture absorption and can be modified for resistance to UV exposure.