



Precision Plastic Fabrication Solutions

Cut-to-size parts, CNC machining, and fabricated assemblies – from prototype to production.

APPLICATIONS & MARKETS

- Equipment guards & covers
- Enclosures & panels
- Wear parts & spacers
- Lab / clean environments
- Electrical insulation
- Aerospace / defense
- Display / specialty builds

FABRICATION CAPABILITIES

- CNC cutting & machining (close-tolerance)
- Line bending / forming
- Edge finishing: polishing & beveling
- Bonding / joining and assembly
- Prototyping, one-offs, production runs



ONE STOP SHOPPING

for Plastic Fabrication + Machined Parts

- Stock shapes: sheets, rods, tubes, profiles
- Cut-to-size components & precision machining
- Fabrication, assembly & finishing
- Material selection guidance + technical support
- Inventory programs & repeat-order consistency





| Fabrication Materials at Modern Plastics | Key Strength | Typical Uses |
|--|-------------------------------|---------------------------------|
| ACETAL (DELRIN®) | Low Friction, Tight Tolerance | Bushings, wear parts |
| UHMW-PE | Abrasion Resistant | Wear strips, guides |
| HDPE | Impact Resistant | Guards, tanks, industrial parts |
| POLYCARBONATE | High Impact | Machine guards, shields |
| ACRYLIC (PMMA) | Clarity, Polishable | Covers, displays |
| PVC / CPVC | Chemical Resistant | Process, wet environments |
| ABS | Tough, Machinable | Housings, panels |
| POLYPROPYLENE | Chemical Resistant | Lab/industrial components |
| PEEK / ULTEM™ (PEI) | High Temp., Strong | Demanding engineered parts |
| PTFE | Ultra Low Friction | Seals, insulators |

**Additional Plastics Available to Meet All Your Needs*



Why Modern Plastics?

Modern Plastics helps OEMs and manufacturers reduce lead times and simplify purchasing by combining stocked material with fabrication support – so you get finished components faster, with consistent quality and repeatability.

MATERIAL ATTRIBUTES FOR PLASTIC FABRICATION

- Close-tolerance, repeatable parts & clean finishes
- Help selecting the right polymer for performance + cost
- Prototype support to validate fit and function
- Production runs and repeat-order consistency
- Documentation & traceability support

Contact

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