



Molding Comparison Chart

Use this chart as a guideline and contact your Panova engineer for more information.

| | Compression Molding | Transfer Molding | Injection Molding | Liquid Injection Molding |
|-----------------------------|---------------------|------------------|-------------------|--------------------------------------|
| Tooling Cost | Low | Moderate | High | Highest |
| Best Part Size | Small-Large | Small-Medium | Small-Large | Small-Medium |
| Cycle Times | Long | Moderate | Moderate | Short |
| Elastomers Used | Most | Most | Most | Limited to Silicone & Fluorosilicone |
| Flash | Moderate | Moderate-Low | Minimal | Minimal |
| Gate Mark | No | Yes | Yes | Yes |
| Manual or Automated Process | Manual | Manual | Semi-Automated | Semi or Fully Automated |
| Material Waste | Moderate | High | Low | Minimal |
| Pre-forms | Yes | Yes | No | No |
| Rubber to Metal Bonding | Good | Good | Good | Good |
| Processing Cost | Moderate | Moderate | Low | Low |
| Preferred EAU | Low-High | Low-High | Moderate-High | Very High |