

EXTRUSION

Equipment

- 16 main extrusion lines –
2½", 3½" & 4½" barrel diameters
- Co-extruders –
¾" and up barrel diameters
- Cooling, Pullers, Cutters

In-House Tooling

- Full Machine Shop
- Wire EDMs
- CNC

Materials

- RPVC/FPVC/CPVC
- ABS ◦ ASA ◦ EVA
- Alcryn ◦ HIPS
- Polystyrene
- Polypropylene
- Polyethylene
- Urethane
- Santoprene
- TPO/TPE/TPV
- Specialty Composite Polymers

Colors, Colorants & Additives

- Pre-Colored Compounds
- Natural base compounds can be colored to match virtually any target
- Colorants to match metals/special metal flake colors
- Specialty additives can be formulated to meet specific requirements for a variety of materials
- Anti-static Properties
- Anti-fungal/anti-mildew properties
- Processing additives



FABRICATION

Process Capabilities

- CNC Roll & Sheet Splitting
- CNC Foam Saw
- Custom Laminating
- Custom Slitting
- CNC Router
- Large Tonnage Presses
- Dieless Flash Cutting
- Rotary Die-Cutting
- Rapid Prototyping

Materials

Plastics

- UHMW / HDPE / LDPE / LLDPE - Polyethylene
- Teflon ◦ PVC ◦ Formex
- Polycarbonate ◦ Delrin

Sheet Rubbers

- Neoprene ◦ EPDM ◦ Viton
- Silicone ◦ Nitrile
- Epichlorilhyden
- Acoustic Barrier

Foils

- Aluminum
- Gold

High-Temp Insulations

Pressure-Sensitive Adhesives

Felts

Corks

Graphites

Composites

Foams

- PVC
- XLPE
- Blended Sponges
- Polyester/Polyether
- Filter Foams
- Neoprene
- EPDM
- Silicone Sponge
- Packaging Components
- High Heat Melamine

*** Climatech is a converter of all types of non-metallic materials and thin gauge foils*

