



Alro Plastics

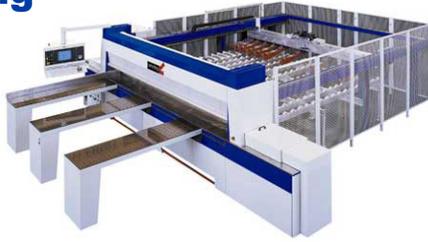
Your Source for Engineering Plastics

Sheet • Rod • Tube • Film • Profiles • Machined Parts

Alro Plastics has invested heavily in the value-added side of our business. Below is a brief overview of all the equipment, processes and capabilities we have to offer. Please note that tolerances listed are standard and we can provide tighter tolerances as needed.

CNC Saw Cutting

- Production CNC Saws
- Cuts up to 8" thick sheets
- 14 foot wide opening
- Cut tolerance: +1/16" / -0"
- 1 pc to 50,000 pcs
- Extremely fast & efficient



Rod & Tube Cutting

- Production style band saws
- Cuts up to 18" diameter stock
- Minimum 1/2" long pieces
- Cut tolerance: +1/4" / -0"
- 1 pc to 1,000 pcs
- Cuts all our plastic materials



5-Axis Waterjet Cutting

- Flow 5-Axis Waterjet
- Cuts up to 10" thick sheets
- 78" x 157" maximum part size
- Cut tolerance: +/- .015"
- 1 pc to 20,000 pcs
- Bevels and 3D cutting



CNC Routing

- Multiple CNC production routers
- Cuts up to 4" thick sheets
- 120" x 144" max part size
- Machine tolerance: +/- .015"
- 1 pc to 50,000 pcs
- Multiple CNC routers on site



CNC Milling Machine

- 4-Axis milling machine
- 20" of travel on Z axis
- 32" x 64" work surface
- 20 tool magazine
- Ideal for prototype work
- Great for secondary operations



Plastic Welding

- Plastic extrusion welding
- Hot gas welding as well
- All welding done in house
- 1/8" up to 3/4" thick max
- Wide variety of plastics
- Custom made, per print jobs



Additional Processing Equipment



Vertical Milling Machine



Sliding Table Saw



Shaper / Edger



Heian Twin Table CNC Router



Surface Planer



Edger / Jointer



Manual Lathe



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Alro Plastics is an industry leader in supplying engineering plastic shapes and parts. We cut and/or ship the same day your order is placed and provide value added processing to meet the most demanding processing requirements.

PRODUCTS

ABS
 Acetal Copolymer
 Acetron® GP
 Acrylic
 Boltaron®
 Cast Nylon
 Chemgrate®
 Clear PVC
 Comsolite®
 Corrugated
 CPVC
 Cutting Board
 Delrin®
 Densetec®
 Detectables
 DuraDek®
 DuraGrate®
 DuraGrid®
 DuraTread®
 Duratron®
 Ertalyte®
 Extren®
 Extrusions
 Fiberglass Grating
 Films

Foamlite®
 Fluorosint®
 G10 / FR-4
 GPO-3
 HDPE
 Hydex® 202/301
 Hydex® 4101/4101L
 Hydlar® Z
 Industrial Laminates
 Ketron® PEEK
 King ColorCore®
 King Hy-Pact®
 King StarBoard®
 KomaALU®
 KomaTEX®
 Kynar® PVDF
 LDPE
 Life Science Grades
 LubX® C / CV
 MC® 901
 MC® 907
 Medical Grades
 Micarta®
 Noryl® PPO
 Nyla-Glide GR™

Nylatron®
 Nyloil®
 Nylon
 Optix®
 Palight®
 Palsun®
 PBT
 PEEK
 PET
 PETG
 Phenolic
 Plexiglas®
 Polycarbonate
 Polyethylene
 Polypropylene
 Polystone®
 Polystyrene
 Polysulfone
 PPS
 Precision Board Plus
 Profiles
 Propylux®
 Proteus® LF PP
 PTFE / TFE
 PVC

PVC Foam Sheet
 PVDF
 Radel®
 Reprocessed UHMW
 Rubber
 SafPlate®
 SafRail™
 Sanalite®
 Semitron®
 Sustarin® C
 Tecaform®
 Tecasint™
 Techtron® PPS
 TIVAR® 1000
 TIVAR® 88
 TIVAR® H.O.T.
 Tooling Board
 Torlon® PAI
 Tuffak®
 UHMW-PE
 Ultem®
 Urethane
 VHMW-PE
 Vivak®
 Zelux®

Many products available in sheet, rod, tube and custom shapes. Please call for inquiry.



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CLEARWATER

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 Phone: (727) 573-1480
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GRAND RAPIDS

4150 Broadmoor SE
 Grand Rapids, MI 49512
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JACKSON

2218 Enterprise
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MADISON HEIGHTS

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