

MATERIALS LINE CARD

Established in 1995, Advanced Industrial is The Premier Supplier of Engineering and High Performance Plastic machinable shapes.

We carry a large inventory of Acetal, Nylon, PEEK, Ultem, Torlon, Vespel, PETP and Teflon. We stock these materials in sheet, plate, rod and tubular bar. We offer a wide range of Bearing-Grade PEEK and PTFE composites for demanding applications. Advanced Industrial provides precision-cut to size services for all materials.



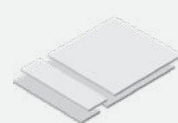
Tubular Bar



Machined Parts



Rods



Sheets

MATERIAL	TUBULAR BAR	MACHINED PARTS	RODS	SHEETS
PEEK (polyetheretherketone)				
450G - Virgin Unfilled	✓	✓	✓	✓
GF - Glass Filled	✓	✓	✓	✓
CA - Carbon Filled PEEK	✓	✓	✓	✓
PTFE - Teflon Filled	✓	✓	✓	✓
5025 - Bearing Grade	✓	✓	✓	✓
5035 - Bearing Grade	✓	✓	✓	✓
HPV - 10/10/10 BG	✓	✓	✓	✓
5032 - Aramid Fiber Filled	✓	✓	✓	✓

ACETAL (polyoxymethylene)				
ACETAL - Copolymer	✓	✓	✓	✓
DELIN Homopolymer	✓	✓	✓	✓
DELIN 570 - 20% Glass Filled		✓	✓	✓
DELIN AF Blend 13 - 13% PTFE Powder Filled	✓	✓	✓	✓
DELIN 100AF - 20% PTFE Fiber Filled	✓	✓	✓	✓
DELIN 500AF - 20% PTFE Fiber Filled	✓	✓	✓	✓
DELIN 588AF - 20% PTFE Fiber Filled	✓	✓	✓	✓
ESD ACETAL - Static Dissipative		✓	✓	✓
ACETAL MDT- Metal Detectable		✓	✓	✓

CAST NYLON (Polyamide)				
CAST NYLON 6 - Unfilled	✓	✓	✓	✓
BLUE CAST NYLON - Heat Stabilized	✓	✓	✓	✓
MD NYLON 6 - Moly Filled	✓	✓	✓	✓
NYLOIL - Oil Filled	✓	✓	✓	✓
NYCAST RX - Red/Solid Lubricant	✓	✓	✓	✓
NYCAST GX - Grey/Solid Lubricant	✓	✓	✓	✓
NYLOIL MDX - Oil & Moly Filled	✓	✓	✓	✓
NYLOIL FG - FDA Oil Filled	✓	✓	✓	✓

MATERIAL	TUBULAR BAR	MACHINED PARTS	RODS	SHEETS
PTFE (Polytetrafluoroethylene)				
VIRGIN PTFE - Unfilled	✓	✓	✓	✓
GLASS FILLED - 15% or 25% Glass	✓	✓	✓	✓
CARBON FILLED - Carbon / Graphite	✓	✓	✓	✓
BRONZE FILLED - Up to 60%	✓	✓	✓	✓
TEKSLIDE G471 - Rulon LR Alternative	✓	✓	✓	✓
TEKSLIDE G461 - Rulon J Alternative	✓	✓	✓	✓
TEKSLIDE G729 - Rulon 641 Alternative	✓	✓	✓	✓
PTFE 1055 - Fluorosint Alternative	✓	✓	✓	✓

ERTALYTE (Polyethylene Terephthalate Polyester PETP)				
Ertalyte PET	✓	✓	✓	✓
Ertalyte TX	✓	✓	✓	✓

SEMI-TRANSPARENT (Ultem - Polysulfone - Polycarbonate)				
ULTEM 1000 - Unfilled	✓	✓	✓	✓
ULTEM 2300 - 30% Glass Filled	✓	✓	✓	✓
POLYSULFONE - UNFILLED	✓	✓	✓	✓
POLYCARBONATE - Machine Grade	✓	✓	✓	✓

TORLON (Polyamide-imide)				
TORLON 4203 - Unfilled	✓	✓	✓	✓
TORLON 4301 - Bearing Grade	✓	✓	✓	✓
TORLON 5030 - 30% Glass Filled	✓	✓	✓	✓
TORLON 7130 - 30% Carbon Filled	✓	✓	✓	✓

CELAZOLE (Polybenzimidazole PBI)				
CELAZOLE U- 60 - Unfilled	✓	✓	✓	✓
CELAZOLE T SERIES - PBI-PEEK / PEKK Blend	✓	✓	✓	✓

POLYIMIDES				
Duratron	✓	✓	✓	✓
Tecasint	✓	✓	✓	✓
Vespel Polyimide	✓	✓	✓	✓

Request a quote for high performance plastics by scanning the QR code



For unbeatable service and the best prices in the industry, call 1-800-265-7351 today!

MATERIALS LINE CARD

This line card contains the complete collection of Advanced Industrial's brands and form capabilities.

High-Performance Plastic Parts: Engineered for Your Industry's Success

CNC machining unlocks the potential of high-performance plastics, creating precise and reliable parts for a wide range of industries. These advanced materials offer significant benefits that translate into real-world advantages for your business:



AEROSPACE

In the demanding world of aerospace, CNC-machined high-performance plastics help reduce weight while maintaining exceptional strength.



MEDICAL EQUIPMENT

The healthcare industry requires precision and reliability. CNC machining of high-performance plastics allows for the creation of intricate medical equipment parts that benefit from superior strength, biocompatibility, and sterilization resistance.



MILITARY

Under harsh conditions, military equipment needs to perform flawlessly. CNC-machined high-performance plastics provide the perfect solution. They are lightweight, highly resistant to wear and tear, and function reliably in extreme environments.



FOOD & BEVERAGE

Ensure the safety and quality of your food and beverages with high-performance plastic parts machined to exacting standards. These materials are exceptionally durable for long-term use, meet strict food-grade safety regulations, and are easy to clean and maintain.



AUTOMOTIVE

From lightweight, durable chassis components to intricate vents and switches, high-performance plastics machined with CNC precision elevate the performance of your vehicles.



CONSUMER GOODS

Make a lasting impression with consumer products that are built to endure. High-performance plastics, machined with CNC accuracy, create components that are lightweight, wear-resistant, and aesthetically pleasing.



ELECTRONICS

High-performance plastics machined with CNC precision are transforming the electronics industry. These materials enable the creation of intricate components offering a winning combination of durability, lightweight design, and excellent electrical properties.



SEMICONDUCTOR

At the forefront of technological advancement, the semiconductor industry relies on precise, intricate components. CNC machining of high-performance plastics allows for the creation of essential semiconductive parts ensuring exceptional performance and reliability.

No matter your industry, high-performance plastic parts, machined with CNC precision, offer a powerful combination of benefits.

Proud to work with the following materials manufacturers:



For unbeatable service and the best prices in the industry, call 1-800-265-7351 today!