

866-856-6825 www.totalplastics.com



FOOD Processing & Packaging



TPI Total™ Plastics Inc.

Food Processing & Packaging Solutions:

- Custom Fabrication Services
- FDA Compliant Engineering Materials
- Cutting Board
- Transparent Food Grade Materials
- Sealants & Adhesives
- Tapes & Safety Products
- Environmentally Friendly Products 
- Machining Services



SHEET • ROD • TUBE • FILM • TAPE

ABOUT US

Total Plastics, Inc.™ is a U.S. distributor of plastic sheet, rod, tube, film and tape, stocking thousands of diverse plastics and related products. Our value-added services and quality products set us apart from the competition. We offer solutions for a number of industries including:

- *Aerospace*
- *Chemical Manufacturing*
- *Electronics*
- *Engineering*
- **Food Processing**
- *Glazing*
- *Life Sciences*
- *Lighting*
- *Machining*
- *Maintenance*
- *Marine*
- *Medical*
- *Petrochemical*
- *Signage, Graphics & Display*
- *Transportation*

We take pride in providing quality products, quick turn-around and superior service through our dedicated and knowledgeable staff. Our sales team is readily available to answer your questions and provide the personal service you deserve.

Total Plastics commits to on-time delivery through our extensive network of distribution centers and strong supplier relationships.

VALUE-ADDED SERVICES

Total Plastics is not just a material supplier. Our value-added services are available to save you time and money. We have a custom solution for you!

Our valued-added services include:

- Cut-to-size
- Custom Packaging & Assembly
- Fabrication & Die-Cutting Services
- Hold for Release
- Machining Services
- Tape Conversion
- On-Time Delivery
- Superior Customer Service



Our dedicated and knowledgeable staff are here to help!
Call your local TPI branch to speak with a Sales Team Member.

FABRICATION SERVICES

Total Plastics is a full service supplier of materials, parts and completed fabrications. We offer state-of-the-art manufacturing operations and experienced craftsmanship. Contact us to quote your next project, whether it's a single prototype or a large roll-out. Providing local cost-saving solutions is our specialty.

Our Fabrication and Die-Cutting services include:

- | | |
|----------------------------|-----------------------|
| • Assembly | • Line Bending |
| • Attachment | • Masking |
| • Bonding | • Milling |
| • Buff Polishing | • Mounting |
| • CAD Design & Engineering | • Multi-Head Drilling |
| • Clean Room | • Packaging |
| • CNC Routing | • Painting & Coating |
| • Cold Forming | • Perforating |
| • Cut-to-Size | • Planing |
| • Die-Cutting | • Prototyping |
| • Drape Forming | • Seal Bonding |
| • Fastening | • Shearing |
| • Flame Polishing | • Silk Screening |
| • Hand Routing | • Slitting |
| • Hot Stamping | • Solvent Bonding |
| • Instruction/Parts Sheets | • Spooling |
| • Lamination | • Welding |
| • Laser Cutting | |



We stock a broad range of Quadrant materials for applications where high temperature is not a factor and where more traditional materials provide the strength in the system. These materials (PP, HDPE and UHMW-PE) are particularly well suited for chute and slide applications, as well as bumpers, supported parts in conveyors and packaging lines. This group also is frequently used as a durable cutting surface in commercial applications.

PROTEUS® HOMOPOLYMER PP

This is the most widely used grade of polypropylene.

- High strength-to-weight ratio
- Excellent chemical resistance
- Easily thermoformed
- FDA, USDA and 3A Dairy compliant

(natural)

PROTEUS® PREMIUM GLOSS

This premium grade, based on homopolymer PP adds a high gloss finish suitable for aesthetic applications.

- High gloss finish
- Other colors available
- FDA compliant

(white)

PROTEUS® CO-POLYMER PP

- Performs to 170°F
- Higher impact strength
- Cold weather impact strength to -34°F
- More pliable than homopolymer PP
- FDA and 3A Dairy compliant

(white)

TIVAR® UHMW-PE

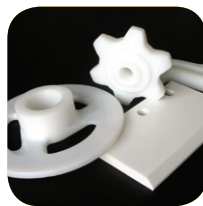
TIVAR® can help eliminate problems like noise, wear of mating parts and stretched chains that can cause costly downtime. With broad temperature performance, TIVAR® materials are ideal for freezing lines and operations that are intermittently exposed to temperatures up to 200°F.

TIVAR® 1000

This engineering material has a remarkable combination of lubricity, chemical resistance and impact strength. It also does not absorb moisture and retains most of its key properties to -22°F. A broad range of shapes including sheet, rod, tube and profiles are possible.

- Reduces noise and vibration
- Slippery, wear-resistant surface
- Very low moisture absorption
- Excellent chemical resistance
- FDA, USDA and 3A Dairy compliant

(white)



TIVAR® OIL FILLED

An FDA compliant lubricant is added to TIVAR® UHMW to enhance its already good bearing performance.

- Higher PV rating
- FDA and USDA compliant

(dark brown) (grey)

HIGH DENSITY POLYETHYLENE - HDPE

HDPE is a widely used basic engineering plastic material with a variety of applications. It meets FDA 21CFR Section 177.1520 and is known for good impact performance under 180°F. It is well suited for tanks, corrosion-resistant wall protection and machined parts in many food industry components. HDPE can be extruded or pressed into sheets up to 4" thick.

- Vacuum formable
- Excellent chemical resistance
- Good impact resistance
- High strength
- Non toxic, non-staining
- FDA compliant
- LDPE (more flexible) and Polypropylene (more rigid) cutting board available

(white)

SANALITE® HDPE CUTTING BOARD

SANALITE® HDPE Cutting Board has a high strength-to-weight ratio, excellent chemical resistance and performs well in corrosive environments.

- Odorless and taste-free
- Pebbled, acid-resistant surface
- Easily cleaned
- Lightweight
- FDA, USDA, NSF and Canada AG compliant

(white)



TIVAR® CleanStat®

TIVAR® CleanStat® provides UHMW performance with the added benefit of static reduction. This helps to manage fines that are generated during manufacturing, processing and packaging operations. Ideal in drums, hoppers, chutes, buckets or any environment where particles are generated and can cause a loss of efficiency.

- Long-wearing surface with a relatively low coefficient of friction
- Helps to reduce cleaning time
- FDA, USDA and 3A Dairy compliant

(black)

TIVAR® H.O.T.

Newly developed TIVAR® H.O.T. pushes the performance envelope of UHMW. It offers enhanced chemical and thermal performance in supported applications. With elevated temperature wear life up to 10x longer when compared to standard UHMW, TIVAR® H.O.T. is a new choice for wear strips, rollers and drag flights for the food processing and packaging industry.

- Lasts up to 10x longer in elevated temperature environments
- Resists abrasion, corrosion, chemicals and moisture
- Excellent release characteristics
- FDA, USDA and 3A Dairy compliant
- Excels in a variety of industrial manufacturing environments where temperatures range up to 275°F

(white)

Ask us about new **TIVAR® Recycled**



Quadrant materials for use in applications in the <175° - 240°F temperature range differ in bearing and wear, temperature and chemical resistance. All are more stable than UHMW in temperature swings, to minimize dimensional change in mating parts. Compare them for the best balance of cost and performance.

ACETRON® GP - CO-POLYMER ACETAL

- Improved dimensional stability vs. nylon - lower moisture absorption
- Porosity-free rod and plate - minimized bacteria build-up, easier to sanitize
- Low, consistent internal stress minimizes dimensional change in machining and use
- Used in general bearing and wear and mixing components
- FDA, USDA, NSF, 3A Dairy and Canada AG compliant

- (white) (black) (orange)
- (red) (yellow) (green)
- (blue) (grey) (brown)



DELRIN® - HOMOPOLYMER ACETAL

- Slightly higher strength than co-polymer acetal
- Used in general, structural and bearing applications (porosity may cause sanitation issues)
- FDA, NSF and 3A Dairy compliant

ERTALYTE® PET-P

- Combines acetal's dimensional stability, nylon's strength plus better wear resistance
- Higher temperature resistance of 240°F under load allows hotter cleaning solutions
- Resists staining, outperforms nylon and acetal in acidic environments
- Used in precision parts needing dimensional stability at elevated temperatures
- FDA, USDA, 3A Dairy and Canada AG compliant
- Withstands "bleach solutions" unlike Nylon/Acetal

- (white) (black)

ERTALYTE® TX PET-P

- Far less wear than standard PET, PBT and lubricated acetals
- Excels in high velocity load-bearing applications - wet or dry
- Minimizes wear against soft metal and plastic mating parts
- Used to upgrade to longer life precision parts - reduce downtime and lubrication
- FDA, USDA and 3A Dairy compliant

- (grey)

NYLATRON® MC 907

- Highest strength and hardness in cast nylon type 6
- Better dimensional stability and strength than UHMW
- Used in general utility parts
- FDA, USDA and 3A Dairy compliant

- (creamy white)

Enhanced Wear Resistant NYLATRON® LFG - Oil Filled Cast Nylon

- Lower coefficient of friction and higher PV
- Improves bearing and wear performance over standard grades
- Used as an alternative to standard cast nylon where external lubrication is impractical
- FDA compliant

- (creamy white) (black)

NYLON 101 - Extruded Unfilled Type 6/6

- Highest strength and rigidity of all nylon products
- Used in screw-machined electrical insulators and food contact parts
- Size range includes small diameter rod and thin plate
- FDA, USDA, 3A Dairy and NSF compliant

- (creamy white)

FLUOROSINT® HPV

- Most wear resistant of all Fluorosint grades
- Able to withstand higher PV loads than most PTFE based materials
- Resistant to steam and moisture
- FDA 21 CFR 175.300 compliant
- Ideal for seals and bearings in high load applications

- (light tan)

FLUOROSINT® 207 PTFE

- Excellent dimensional stability among PTFE's; non-permeable in steam
- Wear life at <300°F 20 times greater than typical filled PTFE
- Nearly 10 times more resistant to deformation under load than PTFE
- Used in aggressive service, tight tolerance bearings and bushings
- FDA 21 CFR 175.300 and USDA compliant
- Ideal for seals and gaskets up to 500°F, where standard PTFE loses stability

- (white/grey)



Quadrant has an ongoing development effort in materials for this application range as cleaning methods get hotter and more aggressive. These advanced materials deliver unique levels of wear and chemical resistance, dimensional stability and strength retention. Their diversity provides options for the best balance of cost and performance, without expensive over-engineering.

TECHTRON® PPS

- Unsurpassed chemical resistance in this range
- Unique Quadrant technology - toughest, most durable unfilled PPS available
- Takes structural load to 240°F - in steam, hot water and cleaning chemicals
- Used in structural mixing and handling components that see high temperatures in cleaning and use
- FDA compliant

 (grey/beige)

TECHTRON® HPV PPS

- Unique combination of ultra-low wear, extreme chemical resistance in the 200° - 240°F range
- No abrasive glass fibers common to filled PPS - minimizes counter-face wear
- Similar electrical, chemical and hydrolysis resistance of natural TECHTRON® PPS
- Used in cost-effective high performance alternative to PEEK below 250°F
- FDA compliant

 (medium blue)

KETRON® 1000 PEEK

- Ideal for food contact bearing and wear applications from 240° - 325°F
- Resists wide range of aggressive, hot chemicals and cleaning solutions
- Used in oven and hot process parts and applications with exposure to steam and chemicals under pressure
- FDA, USDA and 3A Dairy compliant

 (light beige)



The materials in the 300°F plus class open the weight saving and design versatility benefits of engineering plastics to applications once restricted to specialty metals and glass. Their lighter weight can mean lower-cost drive systems - and they can reduce part cost depending on the type of metal or glass replaced.

PSU 1000 POLYSULFONE

- Structural strength to 340°F
- Withstands hot water and steam - tough, durable
- Used in sight glass, material conveying bins
- FDA, USDA and 3A Dairy compliant

 (transparent light amber)



ULTEM® 1000 PEI - Polyetherimide

- Higher structural strength than polysulfone to 400°F
- Excellent electrical properties - rated UL V-0
- Used in applications similar to polysulfone with a higher temperature limit underload
- FDA, USDA and NSF (STD .51) compliant

 (transparent dark amber)

RADEL® R - PPSU

- Best resistance to multiple sterilization cycles and chemicals in this range
- Higher impact resistance plus strength at temperature to 410°F
- Excellent electrical properties - rated UL V-0
- Used for applications similar to polysulfone and ULTEM® PEI with greater chemical and impact resistance
- FDA compliant

 (white)  (black)

*Content provided by Quadrant Engineering Plastic Products is protected by copyright and/or property rights.



These products are commonly used in food processing applications. Total Plastics carries a variety of shapes, grades, colors and textures of these items, and many more, with cut-to-size options in various thicknesses.

ABS

- Lightweight
- Strong and rigid
- Good impact resistance
- Excellent dimensional stability
- Good chemical resistance
- Easily machined
- Smooth and Haircell finish available
- FDA compliant grades available

HALAR® ECTFE

- High purity
- Extremely low permeability to liquids, gases and vapors
- Excellent dimensional stability
- Excellent corrosion and chemical resistance
- Performs in many applications up to 300°F
- Self-extinguishing
- High impact strength

TEFLON® PFA

- Low coefficient of friction, a relatively soft material
- Excellent chemical resistance
- Excellent crack resistance
- Meets FDA 21 CFR.177.1550
- Wide range of working temperatures

ACRYLIC

- Transparent, Frosted, Colors (Translucent and Opaque), Mirrored or Patterned sheet
- Lightweight, durable and shatterproof
- Abrasion resistant, light diffusing, edge lit and UV stabilized grades
- Can be bonded, glued, painted, silk screened and hot stamped
- Easy to fabricate
- Less expensive than polycarbonate
- FDA compliant grades available



NORYL® PPO

- Wide range of working temperatures
- Low moisture absorption
- Good electrical insulation
- Superior impact strength
- Long-term dimensional stability and good creep resistance
- Standard color is Black
- FDA compliant

SHRINK WRAP / HEAT SHRINK TUBING 

- Polyolefin and PVC shrinkable tubing
- 2:1 shrink ratio
- Extra large diameters available
- Crystal clear, bold and metallic colors
- Food grade tubing meets FDA requirements
- Resists chemicals and oils, sunlight and moisture
- Environmentally friendly

TYGON® Tubing Food & Beverage Grades

Tubing Formulations	Product Description	Color	Max. Recommended Operating Temp. °F
TYGON® Beverage Tubing B-44-3	Most widely specified clear, flexible tubing	Clear	165
TYGON® Food, Milk and Dairy Tubing B-44-4X	The preferred clear, flexible tubing for food processing applications	Clear	165
TYGON® Pressure Tubing B-44-4X I.B.	Most flexible reinforced tubing available	Clear (between braid)	165
TYGON® Silver Antimicrobial tubing	Antimicrobial tubing that decreases bacterial growth	Silver	160
NORPRENE® Food Process Tubing A-60-F	Provides long service life in many hot food/beverage applications	Cream	275
NORPRENE® Pressure Tubing A-60-F.I.B.	Provides long service life even when exposed to heat, abrasion and pressure	Cream	275
TYGOPRENE® Pump Tubing XL-60	Designed specifically for use in peristaltic pumps	Translucent	250
TYGON® Long Flex Life Pump Tubing LFL	For the longest peristaltic pump flex life of any clear, flexible tubing	Clear	165
VERSILIC® High-Strength Silicone Tubing SPX-50	Provides long life, strength and durability	Translucent	350
VERSILIC® High-Strength Silicone Pressure Tubing SPX-70 I.B.	Provides elevated working pressures in a silicone tubing	Translucent	320
TYGON® Sanitary Silicone Tubing 3350	The platinum-cured silicone tubing with the smoothest inner surface for transfer of sensitive fluids	Translucent	400
TYGON® Sanitary Silicone Pressure Tubing 3370 I.B.	A platinum-cured silicone tubing that handles up to four times the pressure of TYGON® 3350	Translucent (between braid)	320
TYGON® High Purity Tubing 2275 	Provides a high level of purity not previously available in a clear, flexible tubing	Clear	125
TYGON® Plasticizer Free Tubing 2001 	Provides low compression set properties of a thermoset rubber in a clear, flexible tubing	Clear	135
TYGOTHANE® Precision Polyurethane Tubing C-210-A	For polyurethane applications requiring tight dimensional tolerances	Transparent	200
TYGOTHANE® Precision Polyurethane Pressure Tubing C-544-A I.B.	High-performance polyurethane tubing for physically demanding environments	Clear (between braid)	180
TYGON® Inert Tubing SE-200	Complete clarity and high flexibility with the inertness of a fluoropolymer	Clear	170

*Information courtesy of SAINT-GOBAIN



MAKROLON® FD (FOOD GRADE)

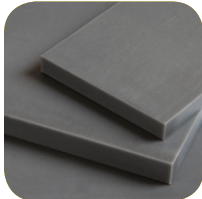
MAKROLON® FD polycarbonate sheet is a clear, non-UV stabilized sheet which complies with FDA and NSF standard 51 requirements. Close gauge tolerance combined with high impact strength and heat resistance make MAKROLON® FD polycarbonate sheet ideal for demanding applications in food processing environments. Applications include: Food processing equipment guards, bulk food bins, candy molds, sneeze guards, commercial serving bowls, food service accessories.

The following materials are suitable for repeated use in contact with food and pharmaceuticals, thanks to FDA-conforming raw materials. Due to their high resistance to cleaning agents, even repetitive use is possible.



TECAFORM™ AH (Acetal Copolymer)

- No centerline porosity
- Low moisture absorption
- Excellent machinability
- Good combination of mechanical properties
- Chemical resistance to fuels and solvents
- Good wear and abrasion properties
- Natural grade is FDA, USDA, NSF and 3A Sanitary compliant
- Good dimensional stability
- Good property retention at elevated temperatures
- Black grade is FDA compliant



TECAFORM™ AH ID New!

- Metal detectable acetal prevents accidental product contamination
- Made from FDA compliant resin
- Good resistance to chemicals
- Good sliding and wear properties
- Good dimensional stability
- Available in Grey
- Used in food patty forming plates

DELRIN® 150 (Acetal Homopolymer)

- Good dimensional stability
- Excellent machinability
- High fatigue endurance
- Superior impact and creep resistance
- Chemical resistance to fuels and solvents
- Natural grade is FDA, NSF, and USDA compliant

TECAPET™

- Good chemical resistance
- Low susceptibility to wear in moist or dry surroundings
- High dimensional stability through relatively low thermal expansion
- Good dielectric characteristics
- Low moisture absorption
- TECAPET™ TF lubricated PET is also available

TECAPEEK™ (PEEK)

- Very high resistance to chemicals
- Excellent resistance to common methods of sterilization
- Good resistance to radiation
- Low susceptibility to stress cracking
- High dimensional stability and easy to machine
- Excellent tribological properties
- Good electrical insulation, even at high voltage

TECAMID™ 66 (PA 66)

- Good resistance to chemicals
- Good electrical insulation
- Good stiffness, toughness and resistance to abrasion
- Good geometric stability under heat, and easy machining
- Good insulation
- Good machinability

HYDEX® 4101 & 4101L (lubricated)

- Good chemical resistance properties
- High impact strength
- FDA approved for use in food processing
- A wear factor up to 50% better than PET-P
- Very low moisture absorption rate
- Excellent machining qualities
- No center line porosity



HYDEX® Poultry Wing Splitter Application

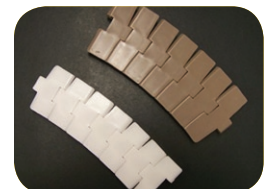
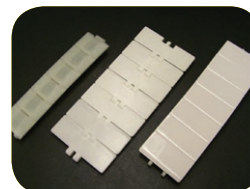
ENSINGER SAN MATERIALS

These materials offer additional safety within the field of food processing. The antimicrobial effect is achieved by a continuous release of silver ions onto the surface of the plastic component.

TECAFORM™ AH MT SAN
TECAPRO™ MT SAN

PLASTOCK® Line of Mechanical Drive Components

The Plastock Line consists of plastic timing belt pulleys, urethane timing belts, spur gears, roller chain sprockets, roller chain, table top chain, and drag chain. Whether you require standard stock items or custom modifications, prototype to production runs, we can assist you. Our valued team of employees are dedicated to providing service, quality, innovation and technical support.



*Content provided by ENSINGER



DOW CORNING

Dow Corning® 732 Multi-Purpose Sealant

General purpose bonding and sealing

Special Characteristics – Will not sag or run; may be applied overhead or on side walls. Available in Clear or White.

Applications – bonding parts, making formed-in-place gaskets.

Temperature Range – Continuous from -75 to 350°F; intermittent to 400°F

Authorizations – FDA 21, NSF 51 and 61, UL listed, MIL-A-46106

Container Sizes: 3 oz, 4.7 oz. and 10.3 fl. oz. tubes; 10.3 fl. oz. cartridge; 4.5 gal. pail; 52 gal. drum



Dow Corning® 700 Industrial Grade Silicone Sealant

General industrial sealing and adhesive applications.

Special Characteristics – Will not sag or run; may be applied overhead or on side walls. Available in Clear, White, Black and Aluminum.

Applications – Adhering trim, formed-in-place gaskets, gear boxes and pumps, bonding parts, sealing out moisture.

Temperature Range – Continuous from -75° to 350°F; intermittent to 400°F

Authorizations – FDA 21, NSF 51, UL listed

Container Sizes: 10.3 fl. oz. cartridge; 4.5 gal. pail; 52 gal. drum

Dow Corning® 733 Glass & Metal Sealant

For bonding and sealing.

Special Characteristics – Improved adhesion over other acetoxy sealants; will not sag or run; may be applied overhead or on side walls. Available in Clear, White, Black and Aluminum.

Applications – Bonding and sealing, heavy equipment.

Temperature Range – Continuous from -75° to 350°F; intermittent to 400°F

Authorizations – FDA, NSF 51, UL listed

Container Sizes: 10.3 fl. oz. cartridge; 4.5 gal. pail



Dow Corning® 736 Heat Resistant Sealant

Sealing and bonding applications exposed to temperatures as high as 600°F.

Special Characteristics – Resistant to high temperatures. Available in Red.

Applications – Sealing fired heaters, flanged pipe joints, access doors, moving oven belts, industrial ovens and boilers, plywood drying ovens, bag filters on smoke stacks, flues on gas appliances; bonding parts, electrical and electronic equipment; caulking joints, ductwork.

Temperature Range – Continuous from -85° to 500°F; intermittent to 599°F

Authorizations – FDA 21, NSF 51, UL listed, MIL spec

Container Sizes: 3 oz. tube, 10.3 fl. oz. cartridge; 4.5 gal. pail



Dow Corning® 737 Neutral Cure Sealant

General manufacturing assembly operations where quick cure and good adhesion are important.

Special Characteristics – Primerless adhesion to most materials; oxime cure; quick skin-over. Available in Black and Translucent.

Applications – OEM and assembly applications; substitute for mechanical fasteners; adhering plastic moldings to plastic substrates; waterproofing components, sealing coaxial connectors, protecting instrumentation; may be used on concrete and masonry.

Temperature Range – Continuous from -85° to 350°F; intermittent to 400°F

Authorizations – FDA 21, UL listed

Container Sizes: 3 oz. tube, 10.3 fl. oz. cartridge; 4.5 gal. pail



Dow Corning® 786 Silicone Mildew Resistant Sealant

Mildew resistant silicone rubber sealant for nonporous surfaces, including applications exposed to high humidity / moisture.

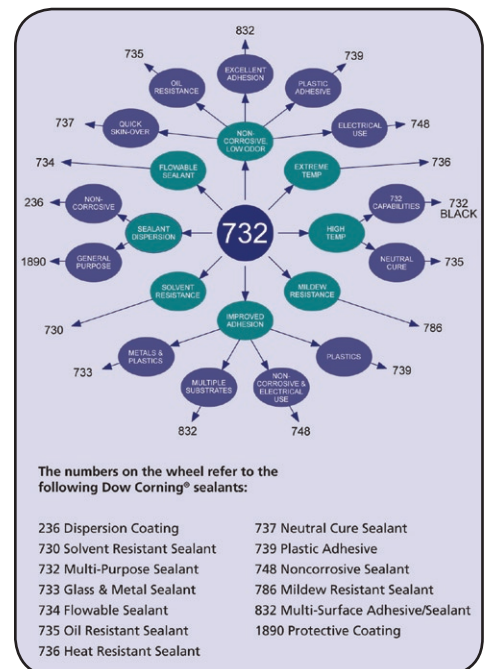
Special Characteristics – Mildew resistant. Available in White and Translucent.

Applications – Sealing around sinks and fixtures, waterproofing rimless sinks, ceramic tile grouting.

Temperature Range – Continuous from -76° to 350°F; intermittent to 400°F

Authorizations – FDA 21, NSF 51

Container Sizes: 10.3 fl. oz. cartridge; 52 gal. drum



*Photos and information courtesy of DOW CORNING®.

Use this Selection Wheel to find the best sealant for your application.

DOW CORNING® Sealants & Adhesives

Total Plastics Inc. is a full line pressure sensitive tape converter carrying preferred products from leading manufacturers such as Saint-Gobain Performance Plastics®, Permacel® and 3M™.

ADHESIVES

Whether you require a transfer or double coated film to laminate to your product, or a pressure sensitive adhesive laminated to one of ours, we have the expertise, products and equipment to meet your needs.

DIE-CUTS & KISS-CUTS

Die-cut parts are available in intricate shapes and offer many advantages, including ease of use and assembly, tight tolerances and low tooling costs. We have in-house capabilities to die-cut large individual parts or small, high volume parts kiss-cut on rolls. We cut a variety of substrates ranging from films and foams to .250" thick plastic.

Kiss-cutting parts involves die-cutting through a given substrate while leaving the release liner intact. Kiss-cut parts are easier to remove from the backing liner and can be supplied on rolls for convenience in production and inventory control.

REELS / SPOOLS

High production applications may require our material to be put up on reels. Both extrusions and foam tapes can be spooled in continuous lengths of several hundred feet to several thousand, depending on the particular material make up and dimensions.

ROLLS

We stock our materials in wide webs and cut to width, allowing you to specify the exact sizes required for your job. Lengths will vary depending on the particular material make up and thickness.



Total Plastics is now a full line 3M™ distributor. TPI and 3M™ deliver solutions for...

ABRASIVES

- Coated Abrasives
- Scotch-Brite™ Surface Conditioning Products
- Superabrasives and Microfinishing Abrasives



SAFETY

- Personal Protection:
- Eye, Head, Face and Hearing Protection
 - Respirators
 - Breathing Devices
 - Air Monitoring Systems



ADHESIVES

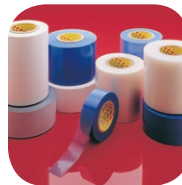
- Aerosols
- Contact
- Epoxy
- UV/Light Cure
- Structural
- Sealants
- Remover

Environmental Protection:

- Sorbents-Chemical
- Maintenance
- Petroleum
- General Purpose

BONDING & FASTENING

- Double Coated Tapes:
- 3M™ VHB™ Tapes
 - Adhesives, Transfer Tapes
 - Foam Tapes
 - Conductive Interfaces (Electrical and Thermal)



TAPES

Packaging Products

Industrial Tape Products:

- Masking Tapes
- Protective Films
- Splicing Tapes
- Lane Marking Tapes
- Optically Clear Tapes
- Vibration Control Tapes
- Products for Holding and Sealing

Reclosable Fasteners:

- 3M™ Scotchmate™ Hook & Loop Reclosable Fasteners
- 3M™ Dual Lock Reclosable Fasteners
- Thin Profile Reclosable Fasteners

CONVERTING

- Laminating Adhesives
- Die Cut Tape Applications
- Identification Products



ACCESSORIES

Acrylic Hinges & Accessories
 Drill Bits
 Welding Equipment
 Fluoroglide®
 Novus® Polishes & Scratch Removers
 Nylon & Acetal Fasteners
 Plasti Dip®
 Plastic Screws, Nuts, Washers & Bolts
 Chemgrip®
 DAP® Products
 Loctite®
 Perma-Lok®
 Permabond®
 Weld-On® Products
 Safety Mirrors
 Chair Mats

ENGINEERING

Acetal
 -Acetron® GP
 -Celcon®
 -Delrin®
 Celazole®
 CPVC
 Ertalyte® PET-P
 ESD and Conductive Products
 Fluoropolymers
 -Teflon® PTFE
 -PFA
 -FEP
 -Kynar® PVDF
 -Tefzel® ETFE
 -Kel-F® PCTFE
 -Halar® ECTFE
 -Fluorosint®
 -Rulon®
 Hydrex® 4101 PBT
 Laminates
 -Benelux®
 -Haysite® GPO
 -Norplex Micarta®
 -Phenolics
 Noryl® PPO
 Nylon
 -Nylon 101
 -MC® 901, MC® 907
 -Nylatron® GS, GSM, GSM-Blue, NSM
 -Nyoil®
 Vekton®
 Hydlar ZF®

PEEK
 Polycarbonate
 -Makrolon®
 -Machine Grade
 -Sign Grade
 -Zelux®
 Polyethylene
 -Low Density
 -High Density
 -Cutting Board
 -King StarBoard®
 Polyimide
 -Duratron®
 -Meldin®
 -Vespe®
 Polypropylene
 Polysulfone
 PPS
 -Ryton®
 -Techtron®
 Polyurethane
 PVC
 Radel®
 Torlon®
 UHMW
 -Anti-Static
 -Tivar®
 -Tivar® Ceram P
 -Tivar® Dry Slide
 -Tivar® 88
 Ultem®

TAPES / EXTRUSIONS / DIECUTS

Custom & Standard Extrusions
 Custom Die Cut Parts
 Transfer Films & Tapes
 Urethane Mounting Tapes
 Polyethylene Mounting Tapes
 PVC Sealing & Gasketing Tapes
 Butyl Coated Foam
 Neoprene & Rubber Blend Foams
 Norton® Tapes
 Permacel® Tapes
 3M™ Tapes
 Saint-Gobain Tapes

GLAZING MATERIALS

Acrylic
 Acrylite® FF
 Lexan®

Makrolon® Polycarbonate
 Silicone Sealants

LIGHTING MATERIALS

Eggcrate Louvers
 Lenses & Diffusers
 Prismatic & Wrap-Around Lenses

SHEET

ABS
 Acrylite®
 Chemcast®
 DR Acrylic Fiberglass
 Duradek®
 Duragrate®
 Extren®
 Fluorescent Acrylic
 King StarBoard®
 Kydex® 100, 200 & T
 Lexan®
 Lucite® L, S-A-R & Myst™
 Makrolon®
 OP1, OP2 & OP4 Acrylic
 P.E.T.G.
 Perspex®
 Plex 55
 Poly II UVA
 Polycarbonate
 Polyethylene
 Polypropylene
 Twin Wall
 Vivak®

TUBING MATERIALS

Tygon® Tubing
 Acrylic Tubing
 Connectors & Fittings
 Fluran®
 Heat Shrink Tubing
 Hose Clamps
 Polycarbonate
 Teflon®
 Tube Packs
 Rigid or Flexible PVC
 Butyrate Fittings

MACHINED PARTS

Total Plastics utilizes a diverse combination of both CNC and manual equipment to provide quality machined parts in a wide variety of material formulations. Requirements that call for standard or tight tolerances, basic or high performance materials, or small or large quantities, are fulfilled by the capabilities of Total Plastics' AS9100B & ISO9001 certified facilities.

Turning operations are handled by skilled machinists, with extensive experience in machining. TPI only uses state-of-the-art equipment and can fulfill your need for any required precision component. Since TPI machines plastics only, tight tolerance parts such as bushings, bearings, gaskets, spacers, seals and rollers can be provided without the risk of contamination.

Milling and routing operations utilize the strengths of several Total Plastics facilities. Matching part size, shape and quantity with the capabilities of the proper location means parts such as wear pads, fixtures, manifolds and guides are produced in the most efficient and economical manner. Whether your need is for tight tolerance milling or simple cutting processes, large or small parts, stock shape or cast blank conversions, Total Plastics offers the advantage.



866-856-6825 www.totalplastics.com



TPI **Total™
Plastics
Inc.**

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