



**POLYMER INDUSTRIES**

GEARED TOWARDS EXCELLENCE

[www.polymerindustries.com](http://www.polymerindustries.com)



Polymer Industries is a leading manufacturer of Polyolefin products, engineering plastics, and high performance materials with over 40 years of experience and technical expertise in the plastics processing industry.

With our manufacturing facilities in Henagar, Alabama; Tacoma, Washington; Bensalem, Pennsylvania and Hyderabad, India as well as our distribution facilities in Salt Lake City, Utah; Bolingbrook, Illinois; and Whittier, California and our truck liner manufacturer in Oxford, Wisconsin, we are able to service our customers' domestic and international needs.



CORPORATE CONTACTS

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International		sales@polymerindustries.com	877-489-0039	256-657-5197





BUSINESS UNIT MANAGERS AND INSIDE SALES TEAM

AL - HEADQUARTERS

P.O. Box 32, 10526 AL Hwy 40  
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PA - NYTEF DIVISION

633 Dunksferry Rd  
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BUSINESS UNIT MANAGERS AND INSIDE SALES TEAM

IL - MIDWEST DISTRIBUTION

694 Veterans Pkwy  
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ISR	Frank Taylor	franktaylor@nytef.com	800-646-9833

UT - WEST COAST DISTRIBUTION

4419 West 1980 South  
Salt Lake City, UT 84104

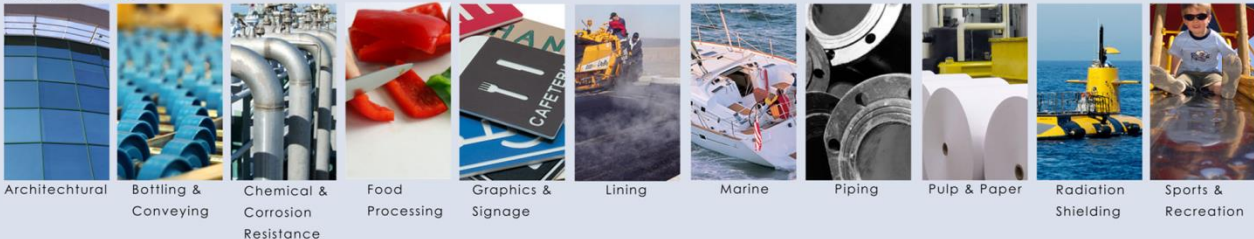
<u>TITLE</u>	<u>NAME</u>	<u>EMAIL</u>	<u>OFFICE</u>
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CA - NYTEF WEST COAST DISTRIBUTION

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Whittier, CA 90605

<u>TITLE</u>	<u>NAME</u>	<u>EMAIL</u>	<u>OFFICE</u>
ISR	Mark Senteno	marksenteno@nytef.com	562-946-8723

## Industries:



Architectural    Bottling & Conveying    Chemical & Corrosion Resistance    Food Processing    Graphics & Signage    Lining    Marine    Piping    Pulp & Paper    Radiation Shielding    Sports & Recreation

## Capabilities:



**Sheet Extrusion**  
Single Layer or Co-Extrusion  
Thickness: 1/32" to 1-1/2"  
Width: Up to 144"  
Length: Up to 240"



**Compression Molding**  
Thickness: 1/4" to 6"  
Width: Up to 96"  
Length: Up to 240"



**Ram Extrusion**  
Round rods or special profiles  
Diameter: Up to 10"  
Length: 120" Standard  
Other lengths upon request



**Fabrication**  
Routers  
CNC Panel Saws  
CNC Production Lathe Mills  
Lathes  
Table Saws  
Planers  
Cold Saws  
Band saws



## FABRICATION CAPABILITIES

### HEADQUARTERS

- 1 - CNC MILL
- 4 - CNC ROUTERS
- 5 - CNC SAWS
- 1 - CNC LATHE
- 1 - MANUAL SAW
- 1 - MANUAL LATHE
- 3 - BANDSAWS
- 1 - COLD SAW
- 1 - SHEET WELDER

### ULTRAPOLY DIVISION

- 7 - CNC MILLS
- 3 - CNC ROUTERS
- 2 - CNC SAWS
- 1 - CNC LATHE
- 1 - MANUAL SAW
- 1 - MANUAL LATHE
- 1 - BROACH PRESS
- 2 - FORMING OVENS



**POLYMER INDUSTRIES**

GEARED TOWARDS EXCELLENCE



## POLYOLEFIN PRODUCTS

### DENSETEC MATERIALS

DENSETEC  
POLYPROPYLENE  
DENSETEC  
PIPEGRADE  
DENSETEC  
LDPE  
DENSETEC  
HMW  
DENSETEC  
HDPE

### DENSETEC SPECIALITIES

DENSETEC  
SIGN  
DENSETEC  
PLAY  
DENSETEC  
PARTITION  
DENSETEC  
MARINE  
DENSETEC  
CUTTING BOARD  
DENSETEC  
ANTISKID  
DENSETEC  
SHIELD

### DENSETEC GREEN

DENSETEC  
POST INDUSTRIAL  
DENSETEC  
POST CONSUMER

### POLYSLICK UHMW

POLYSLICK  
UHMW-PE SHEET

POLYSLICK  
UHMW-PE ROD

POLYSLICK  
DOCK FENDERS AND FENDER PADS

POLYSLICK  
FLEXI FEND

POLYSLICK  
PILEGUARDS

### ULTRAPOLY ANTI-SKID

ULTRAPOLY  
BRAXX

ULTRAPOLY  
LUNS

### AVALANCHE LINERS

AVALANCHE  
MEDIUM DUTY LINERS

AVALANCHE  
HEAVY DUTY LINERS

AVALANCHE  
HIGH TEMPERATURE LINERS



## ENGINEERING PLASTICS

### ACETAL

**UNITAL H** - Delrin 150 Acetal Homopolymer (POM)

**UNITAL H BK** - Delrin Black 150 Acetal Homopolymer

**UNITAL C** - Acetal Copolymer (POM)

**UNITAL C BK** - Acetal Black Copolymer

**UNITAL LF-13** - Acetal Homopolymer, 13% PTFE Powder filled

**DELRIN 100AF-13** - Delrin Homopolymer, 13% PTFE Fiber Filled

**DELRIN 100AF-20** - Delrin Homopolymer, 20% PTFE Fiber Filled

**DELRIN DE-588** - Delrin 100 AF

**UNITAL ESD** - Acetal Copolymer, Static Dissipative

### EXTRUDED NYLON

**UNIPA 6/6** - Nylon 6/6, Unfilled

**UNIPA LD** - Nylon 6/6, Molybdenum Disulfide (MoS<sub>2</sub>) Filled

**UNIPA IM** - Nylon 6/12, Low Moisture Absorption

**UNIPA RG-30** - Nylon 6/6, 30% Glass Fiber Filled

**UNIPA RK** - Nylon 6/6, Kevlar Fiber Filled

**UNIPA IM** - Nylon 6/6, Zytel ST801

### CAST NYLON

**UNIPA M** - Cast Nylon 6

**UNIPA MLD** - Cast Nylon 6, Molybdenum Disulfide (MoS<sub>2</sub>) Filled

**UNIPA MH** - Cast Nylon 6, Heat Stabilized

**UNIPA MLO** - Cast Nylon 6, Oil Filled

**UNIPA MRG** - Cast Nylon 6, Glass Fiber Reinforced— 20% and 30% filler levels





## HIGH PERFORMANCE MATERIALS

**UNICAR** PC - Polycarbonate

**UNICAR** RG-20 BK - Polycarbonate, 20% Glass Fiber Filled

**UNILATE** PBT - PBT, Polybutylene Terephthalate

**UNIPET** PET - PET, Polyethylene Terephthalate

**UNINOR** PPO BK - Noryl EN265 – Polyphenylene oxide and styrene

**UNINOR** RG-30 - Noryl, 30% Glass Fiber Filled

**UNINAR** PVDF - 740 Grade

**UNITEM** PEI - Ultem 1000 - Polyetherimide

**UNITEM** PEI BK - Ultem 1000 - Polyetherimide

**UNITEM** RG - Ultem, Glass fiber filled – 20%, 30%, and 40% filler levels

**UNIFONE** PSU - Polysulfone

**UNITRON** PPS - Polyphenylene Sulfide

**UNITREX** PEEK - Polyetheretherketone

**UNITREX** RG-30 - PEEK, 30% Glass fiber filled



## CUSTOM MATERIALS

**UNILOY** - Xenoy PBT/PC Alloy

**UNITHANE** - Isoplast Rigid polyurethane

**UNIMER** TPE - Hytrel Thermoplastic elastomeric

**UNITENE** PMP - TPX Polymethylpentene

**UNILAR** ECTFE - Halar Ethylene Chlorotrifluoroethylene

**UNIDEL** PAR - Ardel Polyarylate

**UNIPEN** PPSU - Radel R Polyphenylsulfone

**UNIPES** PES - Radel A Polyethersulfone

**UNIPA** RKLf - Nylon 6/6, Kevlar Fiber Filled with PTFE lubricant

**UNIPA** RKLD - Nylon 6/6, Kevlar Fiber Filled with molybdenum disulfide (MoS<sub>2</sub>) lubricant

**UNIPA** MATPE - Cast Nylon 6, Impact Modified

**UNIRUM** PI - Aurum Polyimide – Temperature resistance to 480 F

**UNITREX** - PEEK, Black, bearing & wear grade and 30% carbon fiber filled grades available



POLYMER INDUSTRIES

GEARED TOWARDS EXCELLENCE

DENSETEC®  
POLYPROPYLENE



Homopolymer and Copolymer Polyethylene Sheet

**DENSETEC®**  
**POLYPROPYLENE**

**FEATURES**

Acid resistant	Impact resistant
Abrasion resistant	Moisture resistant
Chemical resistant	Stress crack resistant
RoHS & REACH compliant	Excellent dielectric properties
Alkalis and solvent resistant	Able to retain stiffness and flexibility
Resistant to temps up to 180 degrees	Copolymer has higher impact strength than homopolymer

**COLORS**

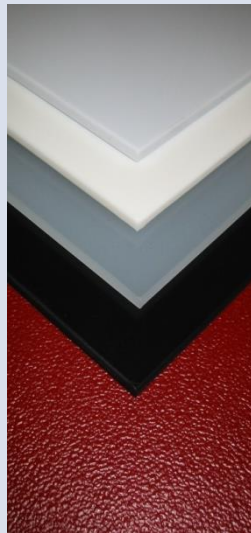
\*Natural    Black    \*White    \*\*Blue/White    Euro Gray

\*FDA approved and NSF Standard 51 Certified

\*\*FDA approved colors

**SIZES**

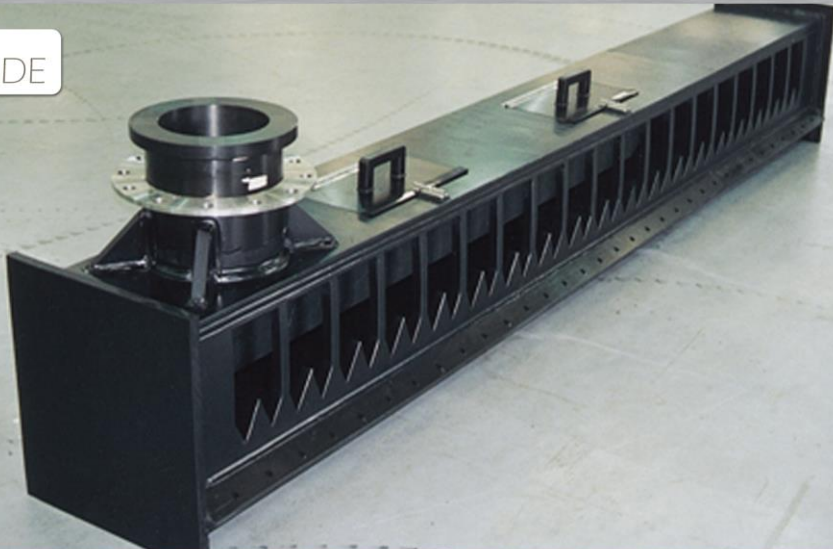
STANDARD:	<u>Extruded</u>	<u>Compression Molded</u>
	inch / mm	inch / mm
Thickness	0.03 - 1 / 0.8 - 25	
Sheet Size	48 x 96 / 1220 x 2440 48 x 120 / 1220 x 3050	Not a Standard Product
<b>CAPABILITIES:</b>	<u>Extruded</u>	<u>Compression Molded</u>
	inch / mm	inch / mm
Thickness	0.03 - 1.25 / 0.8 - 32	0.5 - 4 / 12.7 - 100
Width	45 - 144 / 1140 - 3655	48 - 96 / 1220 - 2440
Length	Up to 480 / 12200	Up to 240 / 6100





**POLYMER INDUSTRIES**  
GEARED TOWARDS EXCELLENCE

**DENSETEC®**  
**PIPEGRADE**



High Density Polyethylene Pipe Grade Sheet - PE80/PE100

**DENSETEC®**  
**PIPEGRADE**

**FEATURES**

UV resistant  
 Great weldability  
 High tensile strength  
 Stiffness for machine parts  
 RoHS & REACH compliant

Formable  
 Chemical resistant  
 Stress crack resistant  
 Scratch & Abrasion resistant  
 NSF 14 and 61 certified for potable water

**COLORS**

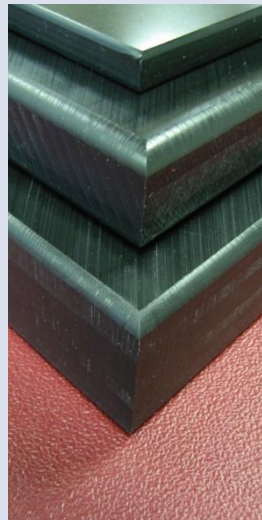
Black Only

**SIZES**
**STANDARD:**

	<u>Extruded</u> inch / mm	<u>Compression Molded</u> inch / mm
Thickness	0.03 - 1 / 0.8 - 25	Not a Standard Product
Sheet Size	48 x 96 / 1220 x 2440 48 x 120 / 1220 x 3050	

**CAPABILITIES:**

	<u>Extruded</u> inch / mm	<u>Compression Molded</u> inch / mm
Thickness	0.03 - 1.25 / 0.8 - 32	0.5 - 4 / 12.7 - 100
Width	45 - 75 / 1140 - 1900	48 - 96 / 1220 - 2440
Length	Up to 480 / 12200	Up to 240 / 6100



High Density Polyethylene Pipe Grade Sheet - PE80/PE100



POLYMER INDUSTRIES  
GEARED TOWARDS EXCELLENCE

DENSETEC®  
LDPE



Low Density Polyethylene Sheet

**DENSETEC®**  
 LDPE


### FEATURES

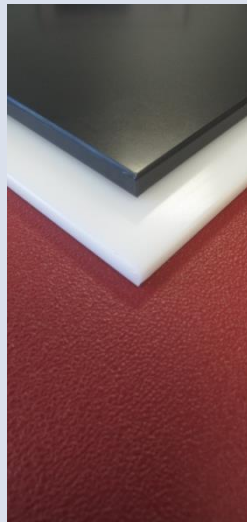
Impact resistant	Very pliable
Extremely Flexible	Easily cleaned
Chemical resistant	Soft to the touch
Low tensile strength	Moisture resistant
Can be certified to Mil-P-23536 A Type V	Corrosion resistant
Mil-P-23536 A Type V certified material	RoHS & REACH compliant
is inspected per Mil-I-45208 A	

### COLORS

\*Natural      Black  
 \*FDA Approved

### SIZES

STANDARD:	<u>Extruded</u> inch/mm	<u>Compression Molded</u> inch/mm
Thickness	0.03 - 1 / 0.8 - 25	Not a Standard Product
Sheet Size	48 x 96 / 1220 x 2440 48 x 120 / 1220 x 3050	
CAPABILITIES:	<u>Extruded</u> inch/mm	<u>Compression Molded</u> inch/mm
Thickness	0.03 - 1.25 / 0.8 - 32	0.5 - 4 / 12.7 - 100
Width	45 - 144 / 1140 - 3655	48 - 96 / 1220 - 2440
Length	Up to 480 / 12200	Up to 240 / 6100





**DENSETEC®**  
HMW



High Molecular Weight Polyethylene Sheet - PE500

**DENSETEC®**  
**HMW**


### FEATURES

Noise reduction	Moisture resistant
Low temp properties	Low coef of friction
Good sliding qualities	High impact strength
Stress crack resistant	Excellent wear resistance
RoHS & REACH compliant	Excellent chemical resistance

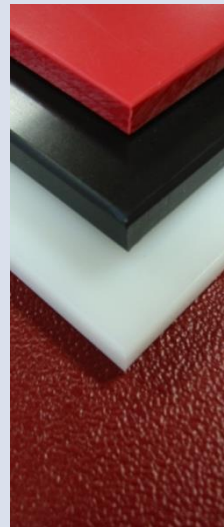
### COLORS

*Natural	White with silicone	Black
*FDA approved colors		

### SIZES

STANDARD:	<u>Extruded</u>	<u>Compression Molded</u>
	inch / mm	inch / mm
Thickness	0.03 - 1 / 0.8 - 25	Not a
Sheet Size	48 x 96 / 1220 x 2440	Standard
	48 x 120 / 1220 x 3050	Product

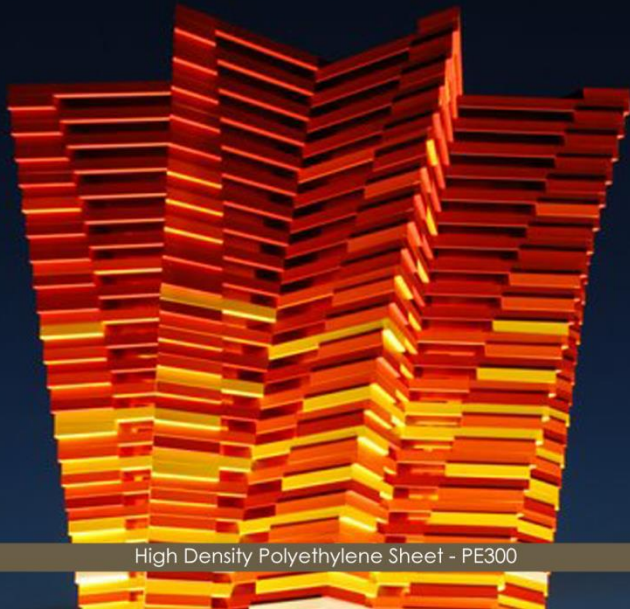
CAPABILITIES	<u>Extruded</u>	<u>Compression Molded</u>
	inch / mm	inch / mm
Thickness	0.03 - 1.25 / 0.8 - 32	0.5 - 4 / 12.7 - 100
Width	45 - 144 / 1140 - 3655	48 - 96 / 1220 - 2440
Length	Up to 480 / 12200	Up to 240 / 6100





POLYMER INDUSTRIES  
GEARED TOWARDS EXCELLENCE

DENSETEC®  
HDPE



High Density Polyethylene Sheet - PE300

**DENSETEC®**  
**HDPE**


### FEATURES

Stain resistant  
 Lightweight  
 Graffiti resistant  
 Moisture resistant  
 RoHS & REACH compliant  
 Low coefficient of friction

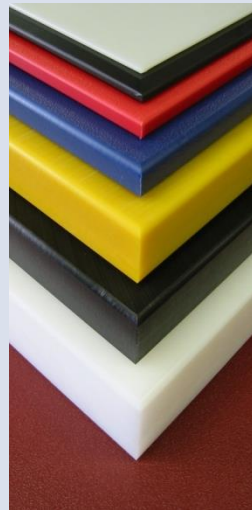
Durable  
 Odor resistant  
 Abrasion resistant  
 Easily fabricated  
 Chemical resistant  
 High impact strength

### COLORS

\*Natural      Black  
 \*FDA approved and NSF Standard 51 certified  
 Note: Other colors available upon request

### SIZES

	<u>Extruded</u> inch / mm	<u>Compression Molded</u> inch / mm
STANDARD:		
Thickness	0.03 - 1 / 0.8 - 38	
Sheet Size	48 x 96 / 1220 x 2440 48 x 120 / 1220 x 3050 60 x 120 / 1525 x 3050	Not a Standard Product
CAPABILITIES:	<u>Extruded</u> inch / mm	<u>Compression Molded</u> inch / mm
Thickness	0.03 - 1.5 / 0.8 - 38	0.5 - 4 / 12.7 - 100
Width	45 - 144 / 1140 - 3655	48 - 96 / 1220 - 2440
Length	Up to 480 / 12200	Up to 240 / 6100





POLYMER INDUSTRIES

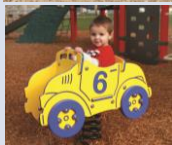
GEARED TOWARDS EXCELLENCE

DENSETEC®  
SIGN



High Density Polyethylene Sheet - PE300

**DENSETEC®**  
**SIGN**



## FEATURES

Easily cleaned  
Graffiti resistant  
Resists scratches  
Will not delaminate  
RoHS & REACH compliant

UV stabilized  
Easily fabricated  
Will not swell or rot  
Never needs painting  
Will not crack or chip

## COLORS

\*Red/White/Red \*Red/Yellow/Red \*Green/Beige/Green \*Yellow/Blue/Yellow  
Yellow/Black/Yellow \*Blue/White/Blue \*Blue/Yellow/Blue \*Beige/Green/Beige  
\*Yellow/Red/Yellow  
\*FDA approved colors  
Note: Other colors available upon request

## SIZES

Extruded  
inch/mm

Thickness	0.5 & 0.75 / 13 & 19
Sheet Size	48 x 96 / 1220 x 2440 48 x 120 / 1220 x 3050





POLYMER INDUSTRIES

GEARED TOWARDS EXCELLENCE

DENSETEC®  
PLAY

High Density Polyethylene Sheet - PE300

**DENSETEC®**  
**PLAY**



## FEATURES

Easily cleaned  
Graffiti resistant  
Resists scratches  
Will not delaminate  
RoHS & REACH compliant

UV stabilized  
Easily fabricated  
Will not swell or rot  
Never needs painting  
Will not crack or chip

## COLORS

\*Red \*Green \*Yellow Black \*Blue \*Beige \*White

\*FDA approved colors

Note: Other colors available upon request

## SIZES

### Extruded

inch/mm

Thickness  
Sheet Size

0.25 - 0.75 / 6 - 19  
48 x 96 / 1220 x 2440  
48 x 120 / 1220 x 3050







POLYMER INDUSTRIES

GEARED TOWARDS EXCELLENCE

DENSETEC®  
PARTITION



High Density Polyethylene Sheet - PE300

**DENSETEC®**  
**PARTITION**



**FEATURES**

Will not crack  
Scratch resistant  
Moisture resistant  
Never needs painting  
RoHS & REACH compliant

Will not splinter  
Easily machined  
Will not delaminate  
Stain and graffiti resistant  
Unlimited design potential

**COLORS**

Amethyst  
Canyon Granite  
Deep Woods  
Latte  
Mars Nebula  
Pacific Blue  
Starry Night Nebula

Atlantis Blue  
Cayenne Red  
Espresso Brown  
Limestone  
Midnight Black  
Peacock Green  
Storm Cloud Gray

Cabernet Burgandy  
Cumulus White  
Fern  
Linen  
Moonlight  
Sahara Beige

**SIZES**

Thickness  
Sheet Size

Extruded  
inch / mm  
1 / 25  
55.5 x 120 / 1400 x 3050





POLYMER INDUSTRIES  
GEARED TOWARDS EXCELLENCE

DENSETEC®  
MARINE



High Density Polyethylene Sheet - PE300

**DENSETEC®**  
**MARINE**



### FEATURES

- |                        |                              |
|------------------------|------------------------------|
| Does not rot           | UV stable                    |
| Does not swell         | Does not crack               |
| Easily machined        | Mildew resistant             |
| Does not splinter      | Moisture resistant           |
| Never needs painting   | Does not delaminate          |
| RoHS & REACH compliant | Stain and graffiti resistant |

### COLORS

- Black \*Seafoam \*Sand Shade \*Polar White \*Dolphin Gray  
\*FDA approved colors  
Note: Other colors available upon request

### SIZES

	<u>Extruded</u> inch/mm
Thickness	0.25 - 1 / 6 - 25
Sheet Size	54 x 96 / 1370 x 2440





POLYMER INDUSTRIES  
GEARED TOWARDS EXCELLENCE

DENSETEC®  
CUTTING BOARD



High Density Polyethylene Sheet - PE300

**DENSETEC®**  
**CUTTING BOARD**



**FEATURES**

Non porous  
Will not dull knife blade  
Will not absorb bacteria  
Easy to clean and fabricate  
RoHS and REACH compliant  
USDA & FDA approved for  
food applications

Mildew resistant  
Moisture resistant  
Stain and odor resistant  
NSF Standard 51 certified  
Chemical and acid resistant  
Will not splinter, chip, swell,  
rot, or crack

**COLORS**

Natural Red Yellow Blue Green Beige Black

**SIZES**

Thicknesses:  
Sheet Size:

Extruded  
inch / mm  
0.25 - 1.25 / 6 - 32  
48 x 96 / 1220 x 2440  
48 x 120 / 1220 x 3050  
60 x 120 / 1525 x 3050



**DENSETEC<sup>®</sup>**  
**ANTI SKID**



High Density Polyethylene Sheet - PE300

**DENSETEC®**  
**ANTI SKID**



### FEATURES

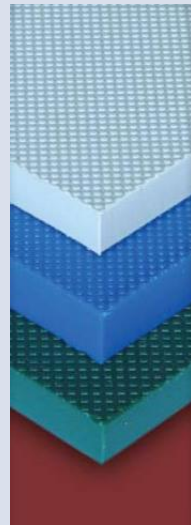
- UV stabilized
- Moisture resistant
- High coefficient of friction
- Stain and graffiti resistant
- RoHS & REACH compliant
- Protrusions grip shoe surface
- High grip compound on surface of sheet
- Water drains away beneath surface protrusions

### COLORS

- \*Red\* Tan \*Blue\* Green \*Yellow
- \*Black\* Seafoam \*Sand Shade\* Polar White \*Dolphin Gray
- \*FDA Approved Colors

### SIZES

	<u>Extruded</u>
	inch/mm
Thickness	0.25 - 1 / 6 - 25
Sheet Size	48 x 96 / 1220 x 2440
	48 x 120 / 1220 x 3050





**DENSETEC<sup>®</sup>**  
**SHIELD**

High Density Polyethylene Sheet - PE300

**DENSETEC®**  
**SHIELD**



### FEATURES

- Lower cost than lead
- Lighter weight than lead
- Replaces lead in nuclear shielding applications
- Standard is 5% boron by weight - HDPE base material
- Can be certified to Mil-P-23536 A Type B (1/2%, 1%, or 2% Boron by weight)
- Mil-P-23536 certified material is inspected per Mil-I-45208 A

### COLORS

Green

### SIZES

Thickness  
Sheet Size

Compression Molding  
inch/mm

0.5-4/12.7-100  
48x96/1220x2440  
48x120/1220x3050



**DENSETEC<sup>®</sup>**  
POST INDUSTRIAL



Reprocessed Post Industrial High Density Polyethylene Sheet - PE300

**DENSETEC®**  
**POST INDUSTRIAL**

**FEATURES**

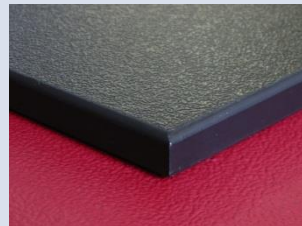
- Does not crack
- Does not splinter
- Does not delaminate
- Does not absorb water
- RoHS & REACH compliant
- Densetec® POST INDUSTRIAL LW available featuring 20% less weight than standard HDPE

**COLORS**

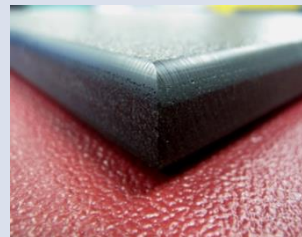
Black

**SIZES**

	Post Industrial	Post Industrial LW
STANDARD:	<u>Extruded</u> inch/mm	<u>Extruded</u> inch/mm
Thickness:	0.125 - 1.5 / 3 - 38	0.375 - 1 / 9.5 - 25
Sheet Size:	48 x 96 / 1220 x 2440 48 x 120 / 1220 x 3050 60 x 120 / 1525 x 3050	48 x 96 / 1220 x 2440 48 x 120 / 1220 x 3050 60 x 120 / 1525 x 3050
CAPABILITIES:	<u>Extruded</u> inch/mm	<u>Extruded</u> inch/mm
Thickness:	0.03 - 1.5 / 0.8 - 38	0.375 - 1 / 9.5 - 25
Width:	45 - 144 / 1140 - 365	45 - 60 / 1140 - 1524
Length:	Up to 480 / 12200	Up to 192 / 4875



Post Industrial



Post Industrial LW



POLYMER INDUSTRIES

GEARED TOWARDS EXCELLENCE

DENSETEC®  
POST CONSUMER

Recycled Post Consumer High Density Polyethylene Sheet - PE300

**DENSETEC®**  
**POST CONSUMER**



**FEATURES**

Easily cleaned  
Graffiti resistant  
Resists scratches  
Will not delaminate  
RoHS & REACH compliant  
Qualifies for LEED Certification

Stain resistant  
Easily fabricated  
Will not swell or rot  
Never needs painting  
Will not crack or chip  
Can be UV stabilized

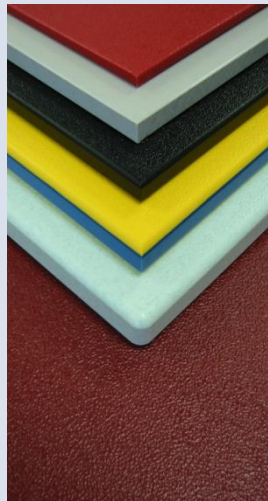
**COLORS**

Available for a 5,000 lb. minimum in any of the standard available colors.

**SIZES**

**CAPABILITIES:**

	<u>Extruded</u> inch/mm	<u>Compression Molded</u> inch/mm
Thickness	0.03 - 1.5 / 0.8 - 38	0.5 - 4 / 12.7 - 100
Width	45 - 75 / 1140 - 1900	48 - 96 / 1220 - 2440
Length	Up to 480 / 12200	Up to 240 / 6100



**POLYSLICK®**  
UHMW-PE SHEET



Ultra High Molecular Weight Polyethylene Sheet - PE1000



**POLYSLICK®**  
UHMW-PE SHEET



**FEATURES**

Moisture resistant  
Chemical resistant  
Stress crack resistant  
Low coefficient of friction  
Prevents steel degradation  
Non toxic / Non hazardous

Easy to clean  
Easily machined  
High impact strength  
High energy absorption  
High abrasion resistance  
Reduces machine noise

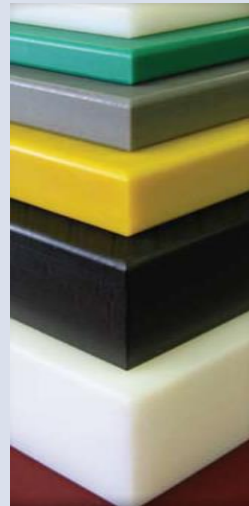
**COLORS**

PRODUCT	DESCRIPTION	COLOR
Polyslick® NAT*	Virgin	Natural
Polyslick® BR	Repro	Black
Polyslick® UV	UV Stabilized	Black
Polyslick® AS	Anti Static	Black
Polyslick® CDE	Conductive	Black
Polyslick® CP	Ceramic Filled	Banana Green
Polyslick® GF	Glass Filled	Royal Blue
Polyslick® HT	Hi Temp	Gray
Polyslick® OF	Oil Filled	Gray
Polyslick® MF	Moly Filled	Dark Gray
Polyslick® XL	Crosslinked	Dark Gray
Polyslick® GXL	Glass Filled, Crosslinked	Navy Blue

\*FDA and USDA approved color. RoHs and REACH Compliant.

**SIZES**

STANDARD:	<u>Compression Molded</u>	<u>Skived</u>
	inch / mm	inch / mm
Thickness	0.375 - 8 / 9.5 - 200	0.06 - 0.375 / 1.5 - 9.5
Sheet Size	48 x 96 / 1220 x 2440 48 x 120 / 1220 x 3050	48 x 96 / 1220 x 2440 48 x 120 / 1220 x 3050

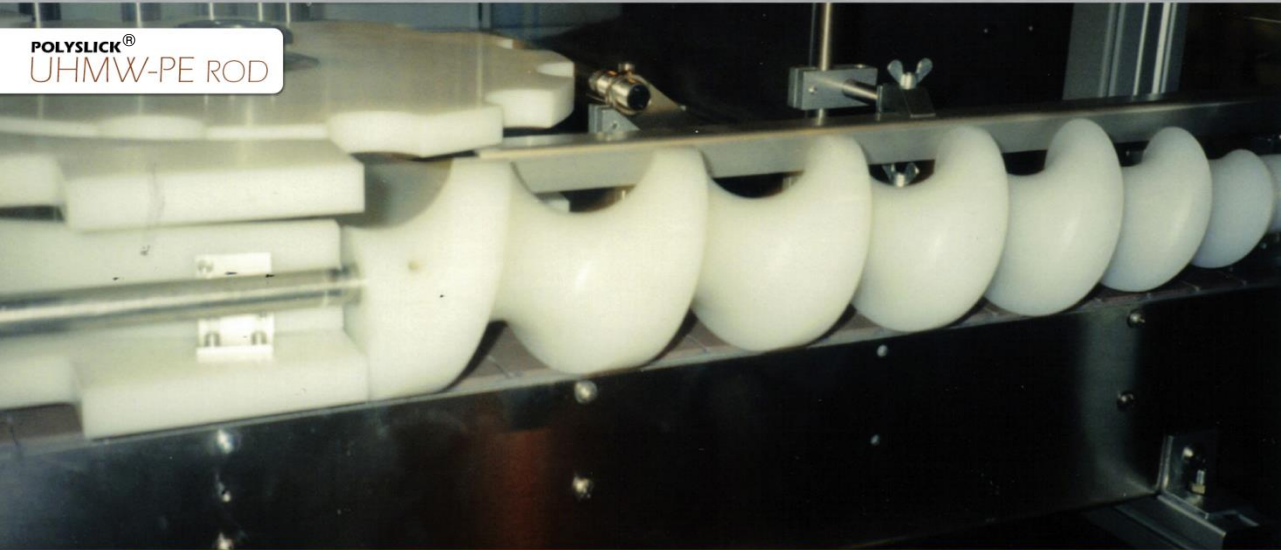






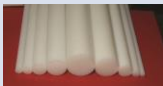
POLYMER INDUSTRIES  
GEARED TOWARDS EXCELLENCE

POLYSLICK®  
UHMW-PE ROD



Ultra High Molecular Weight Polyethylene Rod - PE1000

**POLYSLICK®**  
**UHMW-PE ROD**



**FEATURES**

Moisture resistant  
 Chemical resistant  
 Stress crack resistant  
 Low coefficient of friction  
 Prevents steel degradation  
 Non toxic / Non hazardous  
 Pultruded rod available for tight tolerances  
 and dimensional stability

Easy to clean  
 Easily machined  
 High impact strength  
 High energy absorption  
 High abrasion resistance  
 Reduces machine noise

**COLORS**

\*Natural    Black  
 \*FDA and USDA approved color. RoHs and REACH Compliant.

**SIZES**

	<u>Ram Extruded</u> inch/mm	<u>Pultruded</u> inch/mm
Diameter	0.25 - 10 / 6 - 250	0.5 - 2 / 12.7 - 50
Length	120 / 3050	Selective Sizes 17 or 60 / 425 or 1525





POLYMER INDUSTRIES

GEARED TOWARDS EXCELLENCE

POLYSLICK®  
MARINE



Ultra High Molecular Weight Polyethylene Fendering

## POLYSLICK® DOCK FENDERS AND FENDER PADS



### FEATURES

Impact resistant  
Abrasion resistant  
Non-sparking  
UV protected  
Will not corrode, rot or splinter

Resists marine borers and barnacle growth  
Can be drilled, chamfered and fabricated to meet customer specifications

### COLORS

Black    Yellow    Custom colors available

### SIZES

inch/mm

Thickness                      0.125 to 10 / 3 to 250



Ultra High Molecular Weight Polyethylene Fendering

**POLYSLICK®**  
**FLEXIFEND**



**FEATURES**

- |   |  |
|---|--|
| Non-marking   | High visibility                        |
| Non-grabbing  | Easy installation                      |
| Absorbs energy  | Will not corrode, rot or splinter      |
| Impervious to salt water and oil  | US Patent nos. 6,832,570 / 6,948,440 / |
| Leaf shape allows it to flex with impact and return to shape with no permanent damage | 7,624,694 / 8,029,209                  |

**COLORS**

Black    Gray    Custom colors available

**SIZES**

	inch/mm
T x H x W	0.25 x 4 x 2.13 / 6 x 100 x 53
	0.375 x 4 x 2.13 / 9.5 x 100 x 53
	0.375 x 10 x 4.2 / 9.5 x 250 x 105
	0.5 x 10 x 4.2 / 12 x 250 x 105
	0.625 x 10 x 4.2 / 15 x 250 x 105
	1 x 10 x 4.2 / 25 x 250 x 105



**POLYSLICK®**  
**PILEGUARDS**



**FEATURES**

Impact resistant  
Abrasion resistant  
Non-sparking  
UV protected  
Will not corrode, rot or splinter

Resists marine borers and barnacle growth  
Can be drilled, chamfered and fabricated to meet customer specifications

**COLORS**

Black    Yellow    Custom colors available

**SIZES**

Thickness	inch/mm 1.25 / 32
Width x Length	12 x Up to 30 feet / 300 x Up to 9 Meters





POLYMER INDUSTRIES

GEARED TOWARDS EXCELLENCE

ULTRAPOLY<sup>®</sup>  
BRAXX

Partially Sand or Slag Impregnated Ultra High Molecular Weight Polyethylene Anti Skid Surface

**ULTRAPOLY<sup>®</sup>  
BRAXX**



**FEATURES**

Safeguards pedestrian and vehicular slip hazard areas  
High visibility  
Virtually permanent  
Maintenance free

Installs easily over wood, concrete, steel and aluminum  
Will not corrode or rot  
Eliminates paint or tape  
Impact resistant

**COLORS**

Gray on Blue – Sand

Black on Yellow - Slag

**SIZES**

inch/mm

Thickness  
Sheet Size

0.3 / 7  
36 x 108 / 910 x 2740







POLYMER INDUSTRIES

GEARED TOWARDS EXCELLENCE

ULTRAPOLY<sup>®</sup>  
LUNS

Kairos

Slag Impregnated Ultra High Molecular Weight Polyethylene Anti Skid Decking Surface

**ULTRAPOLY®**  
**LUNS**
**FEATURES**

More aggressive anti-skid than Braxx  
 Safeguards pedestrian and vehicular  
 slip hazard areas  
 Virtually permanent  
 Maintenance free

Installs easily over wood, concrete, steel  
 and aluminum  
 Will not corrode or rot  
 Eliminates paint or tape  
 Impact resistant


**COLORS**

Black on Black - Slag

**SIZES**

	<u>Standard</u> inch/mm	<u>Capabilities</u> inch/mm
Thickness	0.375 / 9.5	0.5 - 4 / 12 - 100
Sheet Size	48 x 60 / 1220 x 1524	48 x 120 / 1220 x 3050



**AVALANCHE<sup>®</sup>**  
LINERS



Seamless High Molecular Weight and Ultra High Molecular Weight Polyethylene Liners

## AVALANCHE® MEDIUM DUTY LINERS

### FEATURES

- HMW-PE
- Tough liner for dirt, clay or farm commodities
- Good sliding surface
- Economic solution
- UV protection
- Eliminates freezing
- Added water protection

### COLORS

White      Black

### SIZES

	<u>Extruded</u> inch/mm
Thickness	0.25 x 0.50 / 6 - 12.7
Width	Up to 192 / 4875



## AVALANCHE® HEAVY DUTY LINERS

### FEATURES

#### UHMW-PE

Tough liner for heavy and larger rock  
Better sliding surface  
3-4 times more wear than HMW  
5 Year warranty available

#### UV protection

Eliminates freezing  
High impact strength  
Added water protection  
Temperature range: +180°F to -86°F

### COLORS

Gray                      Black

### SIZES

Thickness  
Width

Extruded  
inch/mm  
0.25 x 0.50 / 6 - 12.7  
Up to 192 / 4875



## AVALANCHE® HIGH TEMPERATURE LINERS



### FEATURES

Specially formulated UHMW-PE for temperatures up to 400°F  
Toughest liner for hot asphalt  
Best sliding surface  
Lifetime warranty available

UV protection  
Reduces haulback  
Added lubricity  
Added water protection  
Eliminates freezing

### COLORS

Dark Gray

### SIZES

Thickness  
Width

Extruded  
inch/mm  
0.25 x 0.50 / 6 - 12.7  
Up to 192 / 4875





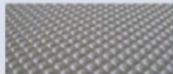
Dot Finish



Planed Finish



Cobblestone Finish



Diamond Finish



Smooth Finish



Orange Peel Finish



Planed Finish



NSF Logo Finish



Desert Sand Finish



Smooth as Extruded



Recycled Logo



## GROWTH INITIATIVE FOR 2015-2016

- Move PA Manufacturing to AL
- Calendered Engineering Plastics Sheetline in AL
- Hot Skiving for UHMW-PE Sheets in AL
- Add HPMs to AL Warehouse
- Installation of 2m x 4m Press in AL
- Centralized Billing in AL
- Compression Molded Acetal Sheets 1/2" to 2" Thick 4' x 8' or 4' x 10'
- 9" and 10" Thick UHMW-PE Sheets with New Press
- Thick Gauge Material on EX-L Sheetline
- Online Customer Portal System





# POLYMER INDUSTRIES

G E A R E D T O W A R D S E X C E L L E N C E

**HEADQUARTERS:** PO Box 32; 10526 AL Hwy 40 Henagar, AL 35978 USA **Ph:** (256) 657-5197 **Fax:** (256) 657-5189 **Toll Free :** (877) 489-0039

**NYTEF DIVISION:** 633 Dunksferry Road Bensalem, PA 19020 USA **Ph:** (215) 638-0800 **Fax:** (215) 638-7674

**AVALANCHE LINER DIVISION:** 3273 West 5th Court Oxford, WI 53952 USA **Ph:** (608) 586-5100 **Fax:** (608) 586-5175 **Toll Free:** (877) 522-2382

**ULTRAPOLY DIVISION:** 2404 Center Street Tacoma, WA 98409 USA **Ph:** (253) 272-1217 **Fax:** (253) 272-1457 **Toll Free:** (800) 872-8469

**WEST COAST DISTRIBUTION:** 4419 West 1980 South Salt Lake City, UT 84104 USA **Ph:** (801) 363-3109 **Fax:** (801) 364-4381 **Toll Free:** (800) 872-8469

**MIDWEST DISTRIBUTION:** 694 Veterans Pkwy Bolingbrook, IL 60440 USA **Ph:** (800) 646-9833 **Fax:** (630) 296-3011

**NYTEF WEST COAST DISTRIBUTION:** 13185 Imperial Highway Whittier, CA 90605 USA **Ph:** (562) 946-8723 **Fax:** (562) 946-4497

**ASIA PACIFIC:** Plot No.'s 160 c/o & 161 c/o Cherlapally Ida Phase II HCL Post Office Hyderabad - 500 051 India **Ph:** 91 40 2726 3375 **Fax:** 91 40 2726 1219