

# HPDE

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## PRODUCT INFO

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We serve general contractors, architects, and end users with laboratory quality tops and workbenches. Let us know your specifications, including thickness, surface area, material, and color finish, and we'll quickly build you a quote and detailed design drawing.



# HDPE

High Density Polyethylene (HDPE) is a thermoplastic polymer made from petroleum. It is one of the most functional plastic materials produced.

When not used as a countertop or work surface, HDPE is typically used in the manufacturing and production of plastic bottles and piping. This material is great for industrial settings that are exposed to high impact, greasy/oily substances (e.g. auto shops and production sites), laboratories, food testing facilities, and other scientific and industrial areas like marine biology research facilities.

## Applications

Water Storage ● Support Braces ● Art ● Plastic Bottles ● Structural Tanks

## Features

Stain Resistant ● Malleable ● Tensile Strength ● Easily Recyclable

Lightweight ● Non-Absorbent ● Easy Maintenance ● Non-toxic

Corrosion & Chemical Resistant ● UV Stabilized

## Configurations

Countertops & Cutting Boards ● Secondary Containment ● Piping

Tank & Chute Liners ● Valve & Pump Parts ● Machine Parts

# HDPE

## Sizes

<b>Standard</b>	<b><u>Extruded</u></b> inch/mm	<b><u>Compression Molded</u></b> inch/mm
Thickness	0.03 - 1 / 0.8 - 25	<i>Not A Standard Product</i>
Sheet Size	48 x 96 / 1220 x 2440 48 x 120 / 1220 x 3050 60 x 120 / 1525 x 3050	
<b>Capabilities</b>	<b><u>Extruded</u></b> inch/mm	<b><u>Compression Molded</u></b> inch/mm
Thickness	0.03 - 1 / 0.8 - 25	0.5 - 4 / 12.7 - 100
Sheet Size	45 - 144 / 1140 - 3655	48 - 96 / 1220 - 2440
Length	Up to 480 / 12200	48 - 96 / 1220 - 2440

## Finishes

Smooth

Standard extruded finish

Orange Peel

Available extruded finish

Planed

Standard compression  
molded finish

# Maintenance

One of the benefits of HDPE is how easy it is to take care of. HDPE rarely stains, so you won't need to rush to remove pigmented foods, chemicals, or dyes from countertops. HDPE is also extremely water and moisture resistant, so puddles can sit for a moment while you collect yourself after a spill.

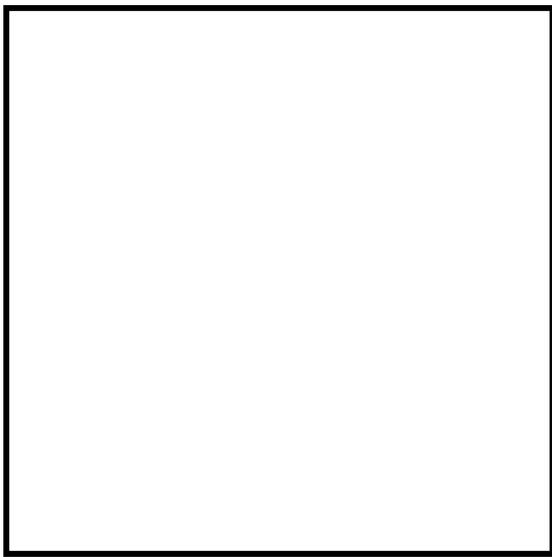
## How to Clean HDPE

- Soap, water, and a sponge may be used for everyday cleaning
- Nylon scrubber, brush, or Magic Eraser with a gentle cleansing scrub can be used to remove caked-on spills or surface stains
- Remove grease and oil with alcohol or citrus cleaner
- Soak persistent surface stains with diluted bleach

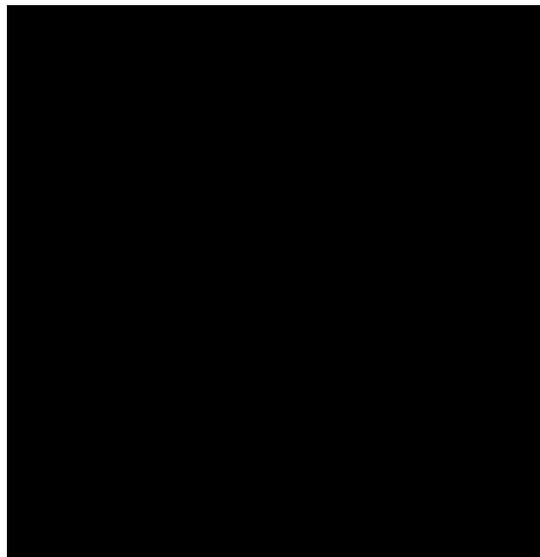
## What To Avoid

- Do not gouge or cut the surface
- Avoid using pens and pencils on an unprotected surface
- Do not expose to temperatures above 180F
- Do not clean with turpentine or naphtha solvents
- Do not clean with 100% chlorine products

# Colors



**Natural\***



**Black**

## **Additional colors**

Available upon request

\*FDA approved and NSF Standard 51 certified

# Thank You

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Give us a call at (866) 456-1185 for help  
selecting the right materials for your project.

Price Match | Short Lead Times | Fast Quotes