

Sheets & Profile systems

PE Sheets

Novathene Polyethylene Sheets are made from Polyethylene, the best known volume plastic. It has a relatively high molecular form with medium to high density. Novathene PE sheets are stabilized against UV radiation effects to counteract heat fatigue and increase life. They exhibit good toughness, high resistance to stress cracking & good chemical resistance against many organic & inorganic media. PE is non-toxic and non-staining & is often chosen because of its FDA approval and food contact suitability & its excellent machine-ability. The operating temperature ranges from -30°C to 70°C.

Standard Sizing

Novathene PE sheets are available in the following and variations:

Thickness (mm)	Width x Length (m)	Packing
0.2 - 1		10 to 25 pcs
2	1.5 x 20	or
3	1.22 x 2.44	Roll form for
4	1.25 x 2	up to 6mm
5	1.5 x 3	4/5/6/8 pc
6		4/5/6 pc
8		3/4/5 pc
10	1.22 x 2.44	2/3/4/5 pc
12	1.25 x 2	2/3/4 pc
15	1.25 x 3	2/3 pc
20	1.5 x 3	1 pc
25		1 pc
30 - 200	1.00 x 2	1 pc

Grades

HPDE: PE100+, PE 300, PE80 Standard

HDPE + LDPE: Flex Grade

LDPE: Standard

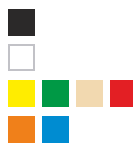
NovaOrtho MDPE

Colours

Black

White

Custom



Embossing made to order.



Features

- High Strength & Stiffness
- Low Specific Weight
- UV stabilized
- Outstanding Flexibility
- Good Low temp Resistance
- Good Abrasion resistance
- Weathering Resistance
- High Chemical Resistance
- Low Thermal Conductivity
- Protection from Stress Cracking
- Non Toxic & low water absorption
- Long Life and Durability
- Excellent Weldability
- Easy Installation / Skill Availability
- Machined parts
- Geomembrane sheets
- Storage tanks and vessels



Novathene



Typical applications

- Transport Containers
- Cover Strips, Baffles, Stack Separators
- Electrical Engineering
- Corrosion Protection Seals;
- Gearwheels
- Textile cans
- Housing
- Grips
- Liner for Gas Lines, other Lining jobs
- Manholes
- Orthotics and Prostheses
- Chemical Flooring
- Geo Thermal Applications; Insulation