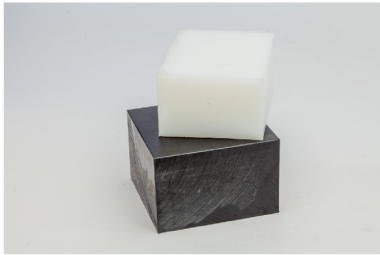




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 490 West Lenni Road
 Lenni, PA 19052 U.S.A.
 Email: info@westlakeplastics.com

Ultra Ethylux®



Ultra Ethylux® High Density Polyethylene (HDPE) is one of the most widely utilized thermoplastics due to its relative low cost, light weight, toughness, resistance to a broad range of chemicals and low moisture absorption. It meets a range of regulatory standards making it suitable for use in food processing, medical device and pharmaceutical processing and packaging applications.

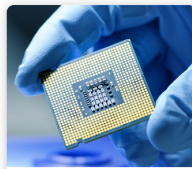
INDUSTRY



Chemical Process



Engineering



Semiconductor and ESD

COLORS AVAILABLE



ATTRIBUTES



Chemical Resistance



SHAPES

Compression Sheet



Extruded Sheet



Extruded Film





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TECHNICAL SPECIFICATIONS

PROPERTY	TEST STANDARD	ENGLISH UNITS	METRIC UNITS
Mechanical			
Flexural Modulus - 1% Secant	D790	225 kpsi	1,550 MPa
Tensile Elongation @ Break	D638	>400%	>400%
Tensile Strength @ Yield	D638	4.6 kpsi	31 MPa
Thermal			
HDT @ 64 psi	D648	180 °F	82 °C

SIZING

Compression Sheet Sizing

48" Length by 24" Width

0.25" (6.35mm)	0.375" (9.53mm)
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96" Length by 48" Width

0.25" (6.35mm)	0.375" (9.53mm)	0.5" (12.7mm)	0.75" (19.05mm)	1" (25.4mm)	1.25" (31.75mm)
1.50" (38.1mm)	1.75" (44.45mm)	2" (50.8mm)	2.25" (57.15mm)	2.50" (63.5mm)	2.75" (69.85mm)
3" (76.2mm)	3.25" (82.55mm)	3.50" (88.9mm)	3.75" (95.25mm)	4" (101.6mm)	

120" Length by 48" Width

0.25" (6.35mm)	0.375" (9.53mm)	0.5" (12.7mm)	0.75" (19.05mm)	1" (25.4mm)	1.25" (31.75mm)
1.50" (38.1mm)	1.75" (44.45mm)	2" (50.8mm)	2.25" (57.15mm)	2.50" (63.5mm)	2.75" (69.85mm)
3" (76.2mm)	3.25" (82.55mm)	3.50" (88.9mm)	3.75" (95.25mm)	4" (101.6mm)	



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Ultra Ethylux®

120" Length by 60" Width

0.375" (9.53mm)	0.5" (12.7mm)	0.75" (19.05mm)	1" (25.4mm)	1.25" (31.75mm)	1.50" (38.1mm)
1.75" (44.45mm)	2" (50.8mm)	2.25" (57.15mm)	2.50" (63.5mm)	2.75" (69.85mm)	3" (76.2mm)
3.25" (82.55mm)	3.50" (88.9mm)	3.75" (95.25mm)	4" (101.6mm)		

Extruded Sheet Sizing

96" Length by 48" Width

0.03" (0.76mm)	0.035" (0.89mm)	0.06" (1.52mm)	0.062" (1.57mm)	0.08" (2.03mm)	0.09" (2.29mm)
0.095" (2.41mm)	0.125" (3.18mm)	0.1875" (4.76mm)	0.25" (6.35mm)		

Film Sizing

26" Width

0.002" (0.05mm)	0.003" (0.08mm)	0.004" (0.1mm)	0.005" (0.13mm)	0.010" (0.25mm)	0.020" (0.51mm)
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LAST REVISED: 06/01/2022

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