



ULTRATECH
INTERNATIONAL, INC

Ultra-Containment Berm® Economy Model - Specifications

30 MIL REINFORCED POLYETHYLENE

A multi-layered, reinforced 30 mil geomembrane ideal for medium and heavy-duty applications. Our single film laminate technology provides increased physical properties. It has an extremely chemical and puncture-resistant geomembrane with a low-density polyethylene film making it easier to weld than your standard membrane.

Features and Benefits:

- Puncture & abrasion resistant construction
- Woven core provides excellent dimensional stability
- Non-toxic, no PVC or other hazardous materials used
- Excellent UV, ozone & oxidation resistance



Part#	Dimensions ft. (m) Wall Height: 12 in. (305 mm)	Containment Capacity gal. (L)	Weight lbs. (kg)
8240	6 x 6 (1.9 x 1.9)	269 (1018.28)	9.0 (4.1)
8241	10 x 10 (3.05 x 3.05)	748 (2831.49)	23.0 (10.4)
8242	12 x 12 (3.65 x 3.65)	1077 (4076.88)	29.0 (13.2)
8243	12 x 25 (3.65 x 7.62)	2244 (8494.464)	49.0 (22.2)
8244	10 x 50 (3.65 x 15.24)	3740 (14157.44)	84.0 (38.1)
8245	12 x 50 (3.65 x 15.24)	4488 (1695.86)	88.0 (40.0)

Custom sizes available. Please contact us for more information.



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Property	Value		Performance
	Standard	Metric	
Thickness	30mil	0.762 mm	ASTM D1777
Weight	14.5 oz/sq yd.	493 g/m ²	ASTM D3776
Color	black/yellow		others available
Tensile Strength	385 lbs/MD 385 lbs/TD	522 N-m	ASTM D751
Elongation	20%		ASTM D751
Trapezoidal Tear	66 lbs MD (30 Kg) 66 lbs TD	89 N-m	ASTM D4533
Mullen Burst	800 PSI	55bar	ASTM D751
Hydraulic Conductivity	0.0 cm/s No Flow		ASTM D4491
Hydrostatic Resistance	600 PSI	41 bar	ASTM D751
Index Puncture	325 lbs	441 N-m	FTM 101C/Method 2031
Accel UV Weathering	>90% after 2,000 hrs		ASTM G154
Operating Temperature	-65°F to 200°F	-54°C to 93°C	
Warranty	20 years exposed		20 years buried



MD = machine direction; TD = transverse direction

These values are typical data and not intended for limiting specifications. We believe them to be reliable and accurate to the best of our ability and are intended for guidelines of performance(+/- 10%)

