



ULTRATECH
INTERNATIONAL, INC.

Ultra-Containment Berm, Modular Model[®]

Material Specifications

GORILLA BERM

KEY FEATURES AND BENEFITS

- + Modular construction allows containment areas of any size to be configured.
- + Polymer-coated foam support blocks (6' lengths) provide structure to sidewalls - can be driven over repeatedly without damage.
- + Standard materials include 38 mil and 54 mil PVC. Other materials available upon request.

SIDEWALLS

- + Triangular-shaped, polymer-coated foam support blocks (72"L x 18"W x 6"H) are used with rebar to provide sidewall structure.
- + Separate 90-degree corner support blocks provide complete support and security where sidewalls meet.
- + Molded-in slots in top of foam blocks hold #9 rebar (1" dia.) - secures material in place
- + No set-up required once Berm has been positioned in the field.

COMPLIANCE

- + EPA 40 CFR 264.175 Containment of Containers Containing Free Liquid.
- + SPCC - Spill Prevention, Control and Countermeasure Act



Part#	Description	Dimensions in. (mm) (L x W x H)	Weight lbs. (kg)
8730	Support Block Only	72 x 18 x 6 (1829 x 458 x 153)	11.0 (5.0)
8731	Corner Support Block Only	24 x 24 x 6 (610 x 610 x 152)	6 (2.7)
8734	38 mil tan PVC material	CUSTOM	VARIABLES
8735	54 mil tan PVC material	CUSTOM	VARIABLES



PROCEDURE FOR BERM DEPLOYMENT:

STEP1: Select a level area and be sure that ground is swept clean of debris and sharp objects. The use of a ground cloth is recommended to prevent puncturing from underneath the Berm.

STEP2: Place the folded material at the setup location. Do not drag material. Unfold material and position as desired. If tread protectors are being used, place these in the unit at this time.

STEP3: Place support blocks around perimeter of the material approximately 2-feet in from the edge.

STEP 4: Use corner support blocks (Part# 8731), where appropriate to join sidewall sections together.

STEP 5: Place #9 rebar (1" dia.) in top slots in foam support blocks around perimeter of Berm. (NOTE: Rebar pieces in corner support blocks should be arranged so they do NOT cross on top of each other.)

Storage:

1. Sweep out Berm and be sure that it is dry and free of contaminants.
2. Store unit in clean, dry environment.

Repair and Maintenance: If a puncture or tear occurs, call for a Ratching Kit. Describe the damage to the service representative to ensure receipt of the proper kit.

PVC MATERIAL SPECS

	54 mil PVC Material	38 mil PVC Material	Testing Method
Color / Emboss	Tan / Deep Twist	Tan / Walkabout	-
Substrate	9x9 (2,000 denier) WiWk, Polyester	9x9 (2,000 denier) WiWk, Polyester	-
Overall Weight	39.8 oz./yd ²	24.2 oz./yd ²	ASTM D3776
Fabric Weight	5.0 oz./yd ²	5.0 oz./yd ²	ASTM D3776
Coating Weight	34.8 oz./yd ²	19.2 oz./yd ²	ASTM D3776
Thickness	0.060"	0.038"	-
Trapezoid Tear	Warp: 208 lbs. / Fill: 119 lbs.	Warp: 224 lbs. / Fill: 133 lbs.	ASTM D751
Tongue Tear	Warp: 275 lbs. / Fill: 246 lbs. (reference only)	Warp: 240 lbs. / Fill: 351 lbs. (reference only)	ASTM D751
Grab Tensile	Warp: 420 lbs./in / Fill: 397 lbs./in	Warp: 344 lbs./in / Fill: 363 lbs./in	ASTM D751
Adhesion	Warp: 22 lbs./in / Fill: 24 lbs./in	Warp: 15 lbs./in / Fill: 16 lbs./in	ASTM D751
Puncture Resistance			
5/16" screwdriver tip	84 lbs.	70 lbs.	ASTM D751
1" steel ball tip	491 lbs.	330 lbs.	ASTM D751
Leaks - Hydrostatic	No leaks @ 50 psi	5 samples passed 55 psi - no leaks	Vintex TM-01
Low Temp Flex	-20°C	-30°C	ASTM D2136
Abrasion	8,000 cycles	3,000 cycles	ASTM D3389 Taber, H18 wheel, 1000 g load, first sign of fabric