



**ULTRATECH**  
INTERNATIONAL, INC.

# Ultra-Containment Berm, Modular Model<sup>®</sup>

## 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.
- + Molded-in slots in top of foam blocks hold rebar - 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)<br>(L x W x H) | Weight<br>lbs. (kg) |
|-------|-------------------------|------------------------------------|---------------------|
| 8730  | Support Block           | 72 x 18 x 6 (1829 x 458 x 153)     | 11.0 (5.0)          |
| 8734  | 38 mil tan PVC material | CUSTOM                             | VARIES              |
| 8735  | 54 mil tan PVC material | CUSTOM                             | VARIES              |



**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: For corners, use t-shaped end of foam blocks to bridge rebar from one block to another. (NOTE: Rebar should not cross on top 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   |
|----------------------------|--|--|--|
| <b>Color / Emobss</b>      | Tan / Deep Twist                                 | Tan / Walkabout                                  | -  |
| <b>Substrate</b>           | 9x9 (2,000 denier) WiWk, Polyester               | 9x9 (2,000 denier) WiWk, Polyester               | -  |
| <b>Overall Weight</b>      | 39.8 oz./yd <sup>2</sup>                         | 24.2 oz./yd <sup>2</sup>                         | ASTM D3776   |
| <b>Fabric Weight</b>       | 5.0 oz./yd <sup>2</sup>                          | 5.0 oz./yd <sup>2</sup>                          | ASTM D3776   |
| <b>Coating Weight</b>      | 34.8 oz./yd <sup>2</sup>                         | 19.2 oz./yd <sup>2</sup>                         | ASTM D3776   |
| <b>Thickness</b>           | 0.060"   | 0.038"   | -  |
| <b>Trapezoid Tear</b>      | Warp: 208 lbs. / Fill: 119 lbs.                  | Warp: 224 lbs. / Fill: 133 lbs.                  | ASTM D751  |
| <b>Tongue Tear</b>         | Warp: 275 lbs. / Fill: 246 lbs. (reference only) | Warp: 240 lbs. / Fill: 351 lbs. (reference only) | ASTM D751  |
| <b>Grab Tensile</b>        | Warp: 420 lbs./in / Fill: 397 lbs./in            | Warp: 344 lbs./in / Fill: 363 lbs./in            | ASTM D751  |
| <b>Adhesion</b>            | Warp: 22 lbs./in / Fill: 24 lbs./in              | Warp: 15 lbs./in / Fill: 16 lbs./in              | ASTM D751  |
| <b>Puncture Resistance</b> |  |  |  |
| 5/16" screwdriver tip      | 84 lbs.  | 70 lbs.  | ASTM D751  |
| 1" steel ball tip          | 491 lbs.   | 330 lbs.   | ASTM D751  |
| <b>Leaks - Hydrostatic</b> | No leaks @ 50 psi                                | 5 samples passed 55 psi - no leaks               | Vintex TM-01   |
| <b>Low Temp Flex</b>       | -20°C  | -30°C  | ASTM D2136   |
| <b>Abrasion</b>            | 8,000 cycles                                     | 3,000 cycles                                     | ASTM D3389 Taber, H18 wheel, 1000 g load, first sign of fabric |