

LD77 Silt Fence with Lathe

Geosynthetic Systems' LD77 light duty silt fence provides a tear- and wind-resistant improvement to the standard light duty products; our sturdy product features a 1.5" x 24" lathe which effectively pins the fabric to the hardwood post, keeping it attached and extending the life of the installation.

When installed correctly, silt fence is an effective sediment control device but failure can occur if the product is installed incorrectly or is not properly maintained.

When installing silt fence, plan the installation to follow the natural jobsite contours. Plan several small silt fence and sediment traps rather than a single perimeter fence. Ensure that the silt fence is trenched in approximately 30cm, properly backfilled and compacted.

| FABRIC DATA | | | |
|--------------------------------|--------------|-----------------------|--------------------------|
| Property | Test Method | MARV Imperial | Marv Metric |
| Tensile Strength (Grab) | ASTM D-46362 | 125 X 124 LBS | 556 X 551.6N |
| Elongation | ASTM D-46362 | 15% X 15% | 15% X 15% |
| CBR Puncture | ASTM D-6241 | 325 LBS | 1445.7 N |
| Trapezoidal Tear | ASTM D-4533 | 65 X 65LBS | 289.1 X 289.1 N |
| UV Resistance (500hrs) | ASTM D-4355 | 70% | 70% |
| Apparent Opening Size (AOS) * | ASTM D-4751 | 30 US STD. SIEVE | .60mm |
| Permittivity | ASTM D-4491 | 0.05 SEC -1 | 0.05 SEC -1 |
| Water Flow Rate | ASTM D-4491 | 8 GPM/FT ² | 326 lpm/m ² |
| Roll Size | | 3'x 100' | 0.91m x 30.5m |
| PICKET & LATH DATA | | | |
| Hardwood Pickets/roll | | 13 | 13 |
| Hardwood Picket Size | | 1.5" x 1.5" x 48" | 3.8cm x 3.8cm x 121.9cm |
| Softwood Lathe Size | | .25" x 1.5" x 24" | 0.64cm x 3.8cm x 121.9cm |