

HD105 Silt Fence with Lathe

HD77 Heavy Duty Silt Fence is manufactured using high tenacity polypropylene yarns that are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position. Designed to resist ultraviolet deterioration, rotting and biological degradation, HD77 is inert to commonly encountered soil chemicals. For extra strength and longevity, HD77 is reinforced with polypropylene mesh.

HD77 silt fences are shipped pre-assembled, with 1.5" x 1.5" x 60" (nominal) tapered, hardwood posts securely attached to the fabric, and are manufactured with a 6" flap at the bottom to facilitate proper anchoring below grade.

FABRIC DATA			
Property	Test Method	MARV Imperial	MARV Metric
Tensile Strength (Grab)	ASTM D-46362	125 X 124 LBS	556 X 551.6 N
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 65 LBS	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 & LATHE DATA			
Hardwood Pickets/roll		15	15
Hardwood Picket Size (nominal)		1.5" x 1.5" x 60"	3.8cm x 3.8cm x 152.4cm
Hardwood Lathe Size (nominal)		1.5" x 24"	3.8cm x 61cm
MESH DATA			
Average Weight (lb/1000 sq ft)	Conwed Test Method MAW82001	2.85 +/- 0.3 / 1000ft ²	
Average Strand Count (strands/10")	Conwed Test Method MAW82003	13.5+/-2.5 per 10" MD 13.0+/-0.75 per 10" TD	
Net Openings MD x TD (in.)		0.740 x 0.769	
Average Tensile Strength (lbf/3") or (lbf/#strands in 3 ")	Conwed Test Method MAW82005	MD = 25.0 +/-6.0lbf /4 strands TD=25.0 +/-6.0lbf /4 strands	
Colour	Black		
Resin	Polypropylene		