

Specification Sheet



Manufactured for and Distributed by:
Aquascape Inc.
901 Aqualand Way, St. Charles, IL 60174

aquascapeinc.com

Heavy-Duty Pond Underlayment

42147 - Heavy-Duty Pond Underlayment - 15' x 50' Compact Roll
42148 - Heavy-Duty Pond Underlayment - 15' x 100' Compact Roll

Property	Test Method	Imperial	Metric
Loft Thickness	Dial Thickness Gauge	0.065 in	1.65 mm
CBR Puncture	ASTM D6241	495 lbs	2200 N
Grab Tensile Strength-CD	ASTM D4632	169 lbs	750 N
Grab Tensile Strength-MD	ASTM D4632	135 lbs	600 N
Elongation @ Break	ASTM D4595	50-75 %	50-75 %
Tear Strength	ASTM D4533	81 lbs	360 N
Water Flow Rate	ASTM D4491	132 gpm/sf	5378 lpm/m ²
Apparent Opening Size	ASTM D4751	177 US Std. Sieve	80 microns
UV Resistance	ASTM D4355	70% @ 500 hrs	70% @ 500 hrs

Item # 42147

Roll size - 46" L x 16" Dia
Core diameter - 3" Inner Diameter
Roll weight - 44 lb

Item # 42148

Roll size - 46" L x 22" Dia.
Core diameter - 3" Inner Diameter
Roll weight - 86 lb

**All sizes and weights are approximate and subject to change*

Note: At the time of manufacturing. Handling, storage, and shipping may change these properties. Value represents maximum average roll value.

Aquascape non-woven geotextiles are made up of polypropylene fibers. These fibers are needed to form a stable and durable network such that the fibers retain their relative position. They are non-bio-degradable and resistant to most soil chemicals, acids, and alkali with a pH range of 3 to 12.

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