



Lacuna
POOL COVERS

LACUNA
SAFETY SWIMMING POOL COVERS
MINIMUM SPECIFICATIONS.
RESIDENTIAL & COMMERCIAL INSTALLATIONS
FOLLOWING ASTM STANDARD F1346-91

Product Information

- MESH** Polypropylene-extrude monofilament yarn
Construction: ASTM D-3775 42x21 Threads/Inch
Weave: Visual Plain
Yarn Size: ASTM D-1907 Wrap 525 Flat denier monofil PP, Fill 925 denier monofil PP
Weight: ASTM D-3776 5.6 oz./sq. yd.
Tensile: ASTM D-5034 Wrap 380 Lbs/in, Fill 285 Lbs/in.
Tear: ASTM D-4533 Warp 100 Lbs, Fill 85 Lbs
Shade: ASTM D-6567 95%
Thickness: ASTM D-5199 12 mils
Water Flow: ASTM- D4491 45 gal/min/sq. ft.
- THREAD** Dabond Bonded continuous filament polyester UVR, 135 Tex No.
3 Ply, 8,085cN average strength
White thread sewn into the contrasting black webbing to safeguard against missed stitches
Three needle Lap Seam 4 SPI manufacturing process, providing three rows of stitching in all directions
- WEBBING** 1" wide polypropylene with nylon filler. Minimum break strength 2,000 Lbs single layer.
Used double-up for minimum strap break strength of 4200 Lbs.
- CHAFING STRIPS** 1" width, 20" to 36" long (Determined by cover overlap) 36" long on commercial covers
3/16" thick sewn on every cross web at perimeter with recessed channel for unexposed thread.
- SPRINGS** Double bar compression type, 302/304 stainless steel, 3200 Lbs. break strength supplied with
smoke color covers
- ANCHORS** Brass, 4000 lbs break strength at neck, screw type flush mounted in deck.
- WEB CONSTRUCTION** Sections are sewn at 3'x 3' approximately spacing. All straps are X tacked at
covers edge and supplied with stainless steel buckles and finished with stamped aluminum tips
Residential rectangular pools only, may be manufactured with 5'x 5' sections.
- INSTALLATION TOOL** 30" long zinc coated steel rod, with notched end and plastic grip to install and
remove cover.
- WARRANTY** 2 years full replacement & 12 years pro-rata warranty against manufacturing defects
- MANUFACTURING** *Lacuna Pool Covers are designed and manufactured in the USA utilizing only the
Highest quality American made raw materials and workmanship available.*



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