

Technical information

Hexprotect® AQUA tiles are made recycled, high density polyethylene HDPE (FDA ⁽³⁾ and NSF approved HDPE resins available for special applications) with UV carbon black additives. The cover is ballasted, increasing its weight by up to 300% (custom ballast), making it suitable for high wind applications. The proprietary features and manufacturing process ensures the cover floats with slightly more than 50% of its shell above water. Compared to other hexagonal tile covers, the Hexprotect® AQUA cover is often cheaper to ship and offers improved wind resistance. Installation remains extremely simple, and simply consists of unloading the product directly onto the liquid.

Description	Ballasted hexagonal tile
Construction	100% homogenous HDPE shell (no plugs or seals)
Diameter	220 mm
Average total weight (dry)	166-190g
Average total weight (installed)	266-290g
Number per sq. ft	2.62
Number per square meter	28
Wind resistant (up to) (1)	210 km/h (130 MPH)
Operating temperature range (1)	-50°C / + 80 °C
Projected Life Expectancy	25+ years

Resin & Ballast Properties ⁽¹⁾⁽²⁾

Shell Material	High Density injection Molding polyethylene
Melt Flow Index (190°C/2.16 kg)	0.35
Density	0.955
Melting Point, °F	264
Tensile Strength (PSI)	4000
Elongation at Break, %	600
Flexure Modulus (PSI)	200,000
Ballast filler	Drinking Water ballast
Additives / Color	Black, UV carbon Black

(1) Data developed under laboratory conditions.

(2) Some of the data listed was determined on compression molded specimens and may, therefore, vary from specimen taken from molded articles.

(3) Complies with FDA 21 CFR § 177.1520, Para. (c) 2.1 and 2.

