ATRA® KEY
GEOWEB® CONNECTION DEVICE
SPECIFICATION

Description:

The ATRA Key is designed to connect GEOWEB Geocell sections either end-to-end or side-to-side through the GEOWEB material slots (I-slots). The ATRA Key features a structurally reinforced handle and frictional barbs to enhance interlock with the GEOWEB surface texture, providing protection against the three primary modes of mechanical junction failure: shearing, splitting, and peeling. The ATRA Key is inserted through aligned I-slots of two adjoining GEOWEB sections and turned 90 degrees to lock the key in position. If removal is required, turn the ATRA Key 90 degrees from the locked position and remove the ATRA Key from the I-slots.

Material: Polymeric Composite Material

Construction: Injection Molded

Color: Black

Dimensions:

Length: 1.31 in. (33.15 mm)

Width: 2.05 in. (52.07 mm)

Thickness: 0.38 in. (9.65 mm)

Pull-Through Strength: 275 lbs. (1.3 kN)

Mechanical Junction Efficiency: 100%

Chemical Resistance: Comprised of nonreactive, chemically inert material

Other Properties: Mildew Resistant, Non-Corrosive

Conductivity: Non-Conductive



Figure 1 ATRA Key



Figure 2 ATRA Key Connection through cell wall I-slot

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