

Description:

The ATRA Key is a device to connect adjacent GEOWEB® Geocell sections end-to-end or side-to-side through the GEOWEB material slots (I-slots). The ATRA Key includes a structurally reinforced handle and frictional barbs for improved interlock with the GEOWEB surface texture. Together, these features provide added protection against the three primary modes of mechanical junction failure: shearing, splitting, and peeling. The ATRA Key shall be inserted through two adjoining GEOWEB sections with the I-slots aligned and turned 90 degrees to lock the key in position. If removal is required, the ATRA Key may be unlocked and removed by turning the key 90 degrees from the locked position and removing the device from the I-slots.

Material: Polymeric Composite Material

Construction: Injection Molded

Color: Black

Dimensions:

Length: 1.305 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 Unit