

DATA SHEET

Q-Band® is a patented banding system with a unique design that offers many advantages over traditional banding. Made of polypropylene with special fiber reinforcements, Q-Band® has all of the benefits of plastic, with the added strength required for banding jobs. Q-Band® is ideal for hundreds of applications requiring a strong, versatile and easy to use banding system. Typical applications include: insulation, electrical, HVAC, Chemical and maritime industries.

Unique Banding Design

Unlike traditional plastic banding that is smooth and must be connected with steel buckles, Q-Band® is designed with “Teeth” that allow the connecting clip to grip the band. Unlike banding with metal buckles or cut-to-length plastic ties, Q-Band® is easily adjustable and reusable.

Unique Clip Design

Unlike most plastic ties, Q-Band®’s clip is not pre-connected to the band, This allows for ties of any length with zero waste. Unlike other types of banding, Q-Band® is easily releasable and reusable. Simple release the clip and it is ready for another use, saving money and time.

Q-Band®’s patented band and clip system allows you to make banding to length, up to 500 feet, making for neater jobs and less waste.

For jobs that require banding with a tight grip, we offer our stainless steel tightening tool.

Q-Band® Benefits

- Strong
- Corrosion resistance
- Versatile
- Reusable
- Cost effective

FEATURES:

Colors: White, black, natural

Size: ½” width, 0.05” thickness

Lengths: 100’ and 500’

Temperature Range: -30°F to 200°F

Tensile Strength: 4,000 psi

Flexural Modulus: 350,000 psi



Banding



Clips



Tightening Tool

Band Material	<p>Q-Band® receives its excellent banding qualities from its use of Polypropylene plastic (C3H6). Our non-reinforced, non-UV stabilized “natural” Q-Band® is made of pure Polypropylene and is not recommended for use in direct sunlight for an extended period of time.</p> <p>Colored Q-Band® is impregnated with a UV stabilizing agent to give years of outdoor life. Colored band can be expected to provide 10 years+ of useful life. Our colored band is also strengthened with special interlocking nylon fibers to add banding strength and reduce band creep (stretching over time).</p>
Band Sizes and Colors	<p>Q-Band® is available in ½” width with a thickness of 0.05 inches. Q-Band® is available in lengths of 100 feet and 500 feet. Q-Band® is available in black, white, and natural colors.</p>
Band Operating Temp. Range	<p>Q-Band® is well suited for use in a wide temperature range with a continuous operating range of –30°F to 200°F. Q-Band® is manageable in cold weather conditions where other banding systems are not.</p>
Band Strength	<p>Q-Band®’s special fiber reinforcement design produces banding with all of the benefits of plastic with added strength for strong banding jobs. ½” Q-Band® has a circular banding strength of 190 lbs. With a tensile strength of 4,000 psi and a flexural modulus of 350,000 psi, Q-Band® is effective where other plastic banding is not.</p> <p>Q-Band® is ideal when your job demands strong banding for an extended period of time. Field tests have shown Q-Band® to provide years of service with very little elongation due to creep (stretching over time) or thermal expansion. With a coefficient of expansion of only 0.00005in/in/°F, Q-Band® will vary only about 1% in length over its entire operating range of 230°F.</p>
Chemical Resistivity	<p>Made of polypropylene, Q-Band® has excellent chemical resistivity properties. From salt water to sulfuric acid, Q-Band® is superior to other banding systems in harsh environments. Q-Band® will not rust like metal banding and will not rot like some types of rope. Check our extensive chemical resistivity chart to see how Q-Band® will perform with your application.</p>
U.L. Rating	<p>Flame and smoke spread per U.L. #94 HB.</p>

Q-Band® US Patent No. 4,574,434

For more information on GLT Products, please call toll-free at 800.874.1748 or online at www.gltproducts.com.



Innovative Insulation Systems

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