

Product Data Sheet

410-411 Reinforcement Tape

UNIGRIP
DANTECH ELITE COMPOSITES

Description:

UNIGRIP Reinforcement Tape is a flexible fiber reinforced fabric gauze used for reinforcing repairs made with UNIGRIP compounds and coatings. It ensures reliable, reinforced repairs, enhancing the strength and longevity of piping systems in marine, offshore and industrial environments.

The UNIGRIP Reinforcement Tape is specifically formulated to make quick and effective repairs of cracks, leaks, fractures, and corrosion porosity in piping systems including steel, GRE, Fiberglass, FRP and other composite materials, and to strengthening weakened or damaged joints.

Intended Use:

- Pipe Repairs: Strengthening temporary or permanent repairs on leaking or corroded pipes.
- Tank Sealing: Reinforcing epoxy coatings applied to cracks or holes in tanks.
- Joint Repairs: Providing additional support to weakened or damaged joints.
- Corrosion Protection: Enhancing surface coatings in areas exposed to high mechanical stress or vibration.
- Surface Strengthening: Increasing durability in areas where mechanical forces or pressure are applied

Key Features

- Enhanced Strength: Provides additional mechanical strength, making repairs more robust and durable under high-stress conditions.
- Improved Flexibility: Reinforcement tape adapts to complex shapes and contours, ensuring reliable repairs even on uneven surfaces.
- Increased Pressure Resistance: Ideal for high-pressure applications, such as pipe repairs or tank reinforcements.
- Superior Bonding: Works seamlessly with Unigrip compounds and coatings, creating a reinforced, cohesive repair system.
- Corrosion Resistance: Protects repaired areas from environmental factors like moisture and chemicals.
- Longevity: Extends the life of repairs by reducing the risk of failure under mechanical or thermal stresses.
- Easy Application: Lightweight and easy to handle, enabling efficient repairs without specialized tools.
- Versatile Use: Suitable for a wide range of repairs, including pipes, tanks, flanges, and structural components.

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Benefits:

- **Durable and Reliable Repairs:** Reinforcement tape enhances the structural integrity of repairs, ensuring long-lasting performance.
- **Withstands Extreme Conditions:** Combines high strength and chemical resistance to endure harsh environments, including high pressure and temperature.
- **Minimized Downtime:** Allows for fast and effective repairs, reducing operational disruptions.
- **Versatility:** Suitable for a wide range of repair scenarios, including pipes, tanks, flanges, and structural reinforcements.
- **Cost-Effective:** Extends the service life of equipment, reducing the need for costly replacements.
- **Enhanced Safety:** Provides strong sealing and reinforcement, reducing the risk of leaks or equipment failure.
- **Ease of Application:** Can be quickly and effectively applied without requiring specialized tools or training.
- **Improved Corrosion Protection:** Offers superior resistance to corrosion, further extending the lifespan of repaired areas.

Packaging:

UNIGRIP Reinforcement Tape is available in 2 different sizes. Pipe diameters from 0.5" to 24".

- a) UNIGRIP 411: Pipe Reinforcement tape 2" x 30ft
- b) UNIGRIP 412: Pipe Reinforcement tape 4" x 60ft

Shelf Life:

UNIGRIP Pipe Tape should be stored out of direct sunlight in dry frost free conditions of temperatures between 5°C and 20°C. Under such conditions shelf life will be 36 months from the date of manufacture. One year minimum from date of shipment when stored in original, unopened container in a dry area at temperatures below 75°F (24°C).