

# TECHNOWRAP 2K™

## GENERAL INFORMATION

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Technowrap 2K™ is an original product of the innovative Technowrap™ composite repair product line. The multi-directional glass cloth used in conjunction with our epoxy resin solution was developed for use in the repair of piping and vessels, creating a more cost effective solution than traditional metallic materials. Once applied Technowrap 2K™ can seal surface leaking defects and re-instate or increase the structural integrity of the defective piping section.

Technowrap 2K™ is validated to ISO/TS 24817 and ASME PCC-2-2006 with Lloyd's Register "Type Approval" and all repairs come with a lifetime guarantee in excess of up to twenty years. Technowrap 2K™ can be applied on pipelines, tanks and vessels and all pipe work geometries including bends, tees, reducers and flanges.

## THE FACTS

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Through research and development, Technowrap 2K™ has been developed to enable it to be applied in temperatures ranging from -103°F (-75°C) to 428°F (220°C). As a result this technology can be utilised in a variety of geometries and to suit the temperatures of all geographic locations. Technowrap 2K™ is available in 3 resin types –

**Low Temperature (L.T.™)** - Used in temperature climates ranging from -75°C to 90°C / -103°F to 194°F.

**High Temperature (H.T.™)** - Used in temperature climates ranging from 90°C to 220°C / 194°F to 428°F. The ability of this product to reach such high temperatures was an industry first in a niche market.

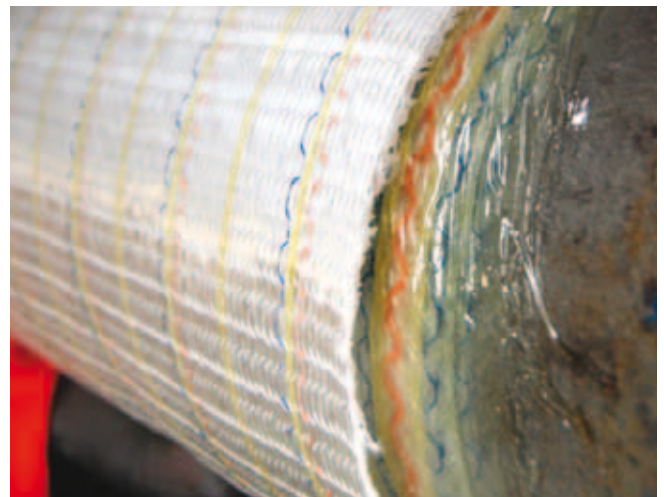
**High Ambient (H.A.™)** - Used in temperature climates ranging from -75°C to 90°C / -103°F to 194°F for use in the Middle East and Africa.

WTR can design Technowrap 2K™ repairs for internal defects, external defects and through-wall type defects and is pressure range tested up to 250 bar g/ 3625 psi.

## INSTALLATION

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During a consultation with a WTR representative we will establish the design calculations required for your Technowrap™ installation. Once engineered for your requirements, the wrap is applied by trained and competent Technowrap™ Installers. Design calculations are performed on every individual repair you require, ensuring maximum performance of your assets.



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