

Liner Solutions

LINERS

BH Tank now offers proprietary tank liner solutions for the repair or refurbishment of water storage tanks. The PLUS and the INDUSTRIAL liners are woven impervious membranes for water storage, suitable for a wide range of conditions.

These liners have a track record of proven success and service in a range of applications around the world for more than a decade. Both liners have been recognized worldwide including listing with NSF/ANSI-61.

BH Tank Liners present a proven and cost effective solution for the refurbishment of an existing steel and concrete storage tanks. A new liner can be installed within the existing shell to repair any leaks that may have appeared in an aging storage tank, and can be custom made to suit the dimensions and capacity of an existing tank.

BH Tank provides tank modifications if needed and liner installations solutions to suit a variety of situations; "Plus" is generally recommended for residential and agricultural applications, "Industrial" is the preferred liner for municipal and commercial water storage applications.

PLUS LINERS

- PLUS is a food grade liner certified to NSF/ANSI 61 for the storage of drinking water.
- This liner is comprised of multiple layers of permanently bonded polymers, sandwiching a high strength webbing to achieve extraordinary strength and flexibility.
- The PLUS was designed specifically for potable water applications.
- PLUS liners have proven their ability, and are recognized as one of the strongest and most versatile liners available.

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INDUSTRIAL Liner

- INDUSTRIAL is a food grade PVC-based liner manufactured to meet Australian Standards AS/NZS 4020:1999 "Products for use in contact with drinking water" and is approved by NSF/ANSI 61 for the storage of potable water.
- Like the PLUS, our INDUSTRIAL liner comprises of multi layers permanently bonded together, with one of these layers being a high strength webbing to achieve maximum strength and flexibility. However INDUSTRIAL is more robust and because of its extra strength and special handling qualities it is used in our larger range of storage tanks.
- Both INDUSTRIAL and PLUS are UV stabilized and resistant to mild acids, alkalis and other chemicals, this further enhances their durability and versatility.
- In their recommended size ranges they are both capable of supporting water pressures that are not attainable with ordinary unsupported liner materials.

BH Tank's Liners offer a versatile and effective medium not only for the storage of water but provides a storage solution resistant to the following:

- Mild acids, e.g. diluted and at room temperature - diluted acids and alkalis have less effect at room temperature, but at elevated temperatures some hydrolysis and extraction of plasticiser may occur.
- Mild alkalis, e.g. sodium hydroxide (caustic soda) potassium hydroxide and sodium carbonate;¹
- Salts, e.g. sodium chloride (common salt, sea salt);¹
- Some organic solvents¹, and
- Effluent from treatment plants².

¹ Some organic liquids tend to extract the plasticiser, (Industratex™ only) which results in hardening, particularly when the liners are removed from contact with the liquid. However, they are not suitable for strong oxidising agents, some solvents and most oils.

² BH Tank can provide an additional range of liners to suit these products. Please contact BH Tank to discuss your specification.

For information regarding the storage of aggressive solvents and oils contact BH Tank.

We have the capability to supply tanks and liners to suit most shapes and sizes, whether for permanent or temporary storage of liquids or commodities.

Call BH Tank toll-free at 1-800-464-2951 to speak to one of our consultants to discuss your application or project requirements.