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TAPPING BAND SPECIFICATIONS

TAPPING BANDS AND NUTS

Material:

Low Lead Gunmetal (LLLG2) BS1400:1986 -
BS EN1982:1999. AS2738-2000. Alloy C83600A

Chemical Composition % (Nominal):

Copper 84-86 %
Tin 4-6 %
Zinc 4-6 %
Lead 4.5 % Max

Meets the following Standards:

- AS/NZ 2345 - 2006 Dezincification Resistant
- AS/NZ 4020 – 2005 Potable Water Contact
- AS2738 – 2000 Alloy Standard C83600A (Low Lead Gunmetal)

LIP SEALS AND 'O' RINGS

Material:

Nitrile Rubber

Meets the following Standards:

- AS1646.1 – 2000 Elastomeric Seals for waterworks purposes
- AS/NZ 4020 – 2005 Potable Water Contact

Service Conditions:

Maximum Pressure Rating of 2068 KPa (300PSI)
Maximum Water Temperature of 50° C

Quality:

Giltech Tapping Bands are manufactured to the strictest quality standards in our ISO9001 (LIC 108) accredited foundry.

The Tapping Band's ample width and pre-formed radius provides greater distribution of clamping pressure to avoid crushing the pipe.

Giltech Tapping Bands have the approval of most Local Authorities; the main one being MANARC (Manakau City Council Approval MW7).

TAPPING BAND ADVANTAGES AND INSTALLATION INSTRUCTIONS

Advantages:

- Corrosion Resistant
- Resistant to seawater
- Dezincification Resistant
- Weather resistant
- Resistant to other materials which attack traditional materials
- Excellent fatigue resistance
- Resistant to vibration pump loads and water hammer
- Resistant to damage in transport and storage
- Giltech Tapping Bands are widely used in New Zealand and are exported to Australia, the Middle East, and the Pacific Islands.
- They are suitable for water reticulation and irrigation where their strength helps avoid damage by farm implements, live stock etc.

Installation Instructions:

- Make sure the pipe is clean and free from dirt or other contaminants and has no grooves or other irregularities such as weld beads or indentations on it.
- Fit the Tapping Band around the pipe and hand tighten the 2 nuts.
- Tighten the nuts to approximately 20 Newton metres or 15 foot pounds.
- This can be achieved by giving the nuts a firm turn with a 200/250mm adjustable spanner or equivalent.
- Note: When properly tightened there will still be a gap between the top and bottom band. This gap allows for the manufacturing tolerances of the outside diameter of the pipe.
- DO NOT OVER TIGHTEN the nuts.
- DO NOT use tools such as rattle guns as over tightening the nuts could damage the tapping band.
- If after tightening a leak is evident – check the pipe and seal to find the cause.
- Continuing to tighten the band WILL NOT fix the problem.