

# HANSEN<sup>™</sup>

## THREADED PIPE FITTINGS

80mm & 100mm (3" & 4") Female Tank Fitting

### LARGE TANK FITTING

**LEFT HAND THREAD**

For Ease of Installation

**PERFECT SEAL**

Rubber Washer for  
a Perfect Seal

**EASILY TIGHTENED**

Low friction washer to allow  
the nut to be tightened easily

**TAPERED THREAD**

Precision Heavy Duty Tapered  
Thread for a Strong Reliable Seal



[www.hansenproducts.com](http://www.hansenproducts.com)



## TECHNICAL INFORMATION

### Features & Benefits

- Manufactured from High Quality Glass Fibre Reinforced Nylon giving a weather, termite, fungi and bacteria resistance, for longer life, cost effective, low maintenance fittings.
- Precision Heavy Duty Tapered Threads give a Strong Reliable Seal.
- Materials strong enough to minimise potential cross threading.
- Fittings provide flexibility and versatility for new and existing installations, saving on time and money.

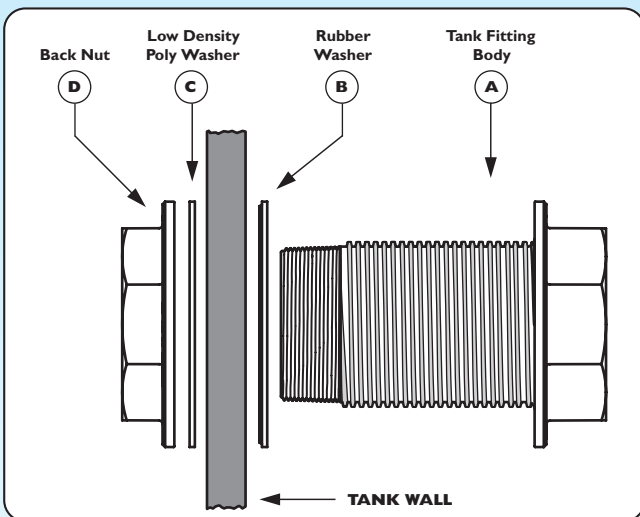
### Specifications

- SFTF 80 and 100mm External Nut Thread Left Hand ISO Trapezoidal, External end thread and Internal thread BSPT (Tapered).
- Fire Rating: UL94HB and UV Stabilised.
- Suitable for many types of fluid. Ask your dealer for details or contact Hansen Products for more information.
- HANSEN™ Threaded Pipe Fittings are: Marine & WRAS approved.
- Hansen have tested all its products for use with cold water up to a maximum temperature of 60°C (140°F). We do not recommend the use of these products with temperatures higher than 60°C (140°F) as plastic expands due to temperature increases. Hansen can not guarantee the products will perform when used with temperatures over 60°C (140°F). Hansen products that have failed in temperatures higher than 60°C (140°F) will not be covered by warranty.

## INSTALLATION STEPS

### INSTALLATION

1. Check tank manufacturers specific tank fitting installation requirements.
2. Prior to installing fittings, check the sealing surface for debris and/or scratches which could cause leakage.
3. Remove the Back Nut (**D**) and Low Density Poly Washer (**C**) from the Tank Fitting Body (**A**)
4. Slide the Tank Fitting Body (**A**) through the hole in the tank. The Rubber Washer (**B**) must be between the fitting body flange and the tank wall (ensure ribs on the Rubber Washer (**B**) are sealing against tank wall). Fit Low Density Poly Washer (**C**) and then Back Nut (**D**) on the tank fitting body thread and tighten.



## INSTALLATION TIPS

- To obtain proper washer compression for fitting installation ensure the face of the washers fully contacts the tank wall.
- Tighten the nut to ensure a water tight seal. Ensure that you comply with the tank manufacturers specifications.
- All pipe work must be adequately supported.
- It is recommended that either a thread sealing paste or thread sealing tape be used on all BSPT threaded connections.
- We recommend Loctite 5331.
- HANSEN™ Threaded Pipe Fittings can be used in conjunction with metal fittings.

## THREADED APPROVALS

Currently HANSEN™ Threaded Pipe Fittings 6mm to 50mm are approved for the following.



### MARINE & INDUSTRIAL SAFETY

Marine & Industrial Safety Inspection Services Limited is New Zealand's largest safe ship management company. They approve products for use on vessels entering Safe Ship Management Systems. M&I is a marine and industrial inspection and design verification company offering Safe Ship Management (Survey) & equipment acceptance services to the maritime industry.

HANSEN™ Threaded Pipe Fittings have been M&I approved. For more information on this approval please visit our website: [www.hansenproducts.com](http://www.hansenproducts.com)



HANSEN™ Threaded Pipe Fittings are approved for use with potable (drinkable) water and they will not leach contaminants into the water. The Water Research Council in the UK is the highest recognised water testing organisation in the world and we believe HANSEN™ are the only plastic threaded pipe fitting in Australasia to achieve this standard. HANSEN™ Threaded Pipe Fittings have been WRAS approved. For more information on this approval please visit our website: [www.hansenproducts.com](http://www.hansenproducts.com)



HANSEN™ Products (NZ) Limited are justifiably proud to be certified to the new ISO 9001 : 2000 standard. Quality Management Systems – Requirements. The old versions were based on service standards whilst the latest is a focus on process. The object of a quality management system is to increase the efficiency and effectiveness of any organisation to eliminate risk to the customer.

We are certified for the design, manufacture, assembly, packaging, distribution and marketing of our products.

**Female Tank Fittings are available in sizes 15mm, 20mm, 25mm, 32mm, 40mm, 50mm, 80mm & 100mm. Contact your local stockists for details or visit our website: [www.hansenproducts.com](http://www.hansenproducts.com)**



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Your Local Dealer:

**THE HANSEN GUARANTEE:** Hansen Products (NZ) Limited UNQUESTIONABLY GUARANTEE to replace any HANSEN™ product which has failed due to a manufacturing fault, and has been installed in the original condition as supplied by Hansen Products (NZ) Limited. We do not accept any liability whatsoever for any consequential damage or for any associated costs involved in repairing or replacing HANSEN™ products. This guarantee does not cover labour, travelling or freight expenses incurring in undertaking a replacement. Any replacement must be made through an authorised HANSEN™ stockist.

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