

## Tail Straight - Female Thread

TruDesign Female Thread Tails / Hose barb composite fittings are designed for connecting hoses to male threaded fittings



Note: For above the water line only when directly fitted to a Skin Fitting / Thru Hull.  
For below water line situations - ISO & ABYC require a TruDesign Ball Valve to be fitted directly to the Skin Fittings / Thru Hull.

TruDesign Tails / Hose Barbs are moulded from a glass reinforced nylon composite. High strength, high-modulus, glass reinforced nylon provides dramatic strength, stiffness, toughness, and dimensional stability.

TruDesign Tails / Hose Barbs eliminate the corrosion and electrical bonding problems associated with metallic fittings. The Tails are designed for twin hose clamps, and to not crush under high load conditions.

### Models

Part #	BSP Thread Models
90953	Tail 19mm 3/4" BSP Female Thread
90964	Tail 19mm 3/4" BSP Female Thread PKG
90954	Tail 25mm 1" BSP Female Thread
90965	Tail 25mm 1" BSP Female Thread PKG
90955	Tail 32mm 1 1/4" BSP Female Thread
90966	Tail 32mm 1 1/4" BSP Female Thread PKG
90956	Tail 38mm 1 1/2" BSP Female Thread
90967	Tail 38mm 1 1/2" BSP Female Thread PKG
90957	Tail 50mm 2" BSP Female Thread
90968	Tail 50mm 2" BSP Female Thread PKG
90959	Tail Unequal 25mm 1 1/2" BSP Female Thread
90970	Tail Unequal 25mm 1 1/2" BSP Female Thread PKG
90962	Tail Unequal 38mm 1 1/4" BSP Female Thread
90973	Tail Unequal 38mm 1 1/4" BSP Female Thread PKG
90958	Tail Unequal 38mm 1 3/4" BSP Female Thread
90969	Tail Unequal 38mm 1 3/4" BSP Female Thread PKG

Part #	NPS Thread Models
91013	Hose Barb 3/4" x 3/4" NPS Female Thread
91014	Hose Barb 3/4" x 3/4" NPS Female Thread PKG
91015	Hose Barb 1" x 1" NPS Female Thread
91016	Hose Barb 1" x 1" NPS Female Thread PKG
91017	Hose Barb 1 1/4" x 1 1/4" NPS Female Thread
91018	Hose Barb 1 1/4" x 1 1/4" NPS Female Thread PKG
91019	Hose Barb 1 1/2" x 1 1/2" NPS Female Thread
91020	Hose Barb 1 1/2" x 1 1/2" NPS Female Thread PKG
91021	Hose Barb 2" x 2" NPS Female Thread
91022	Hose Barb 2" x 2" NPS Female Thread PKG
91023	Hose Barb Unequal 1" x 1 1/2" NPS Female Thread
91024	Hose Barb Unequal 1" x 1 1/2" NPS Female Thread
91029	Hose Barb Unequal 1 1/2" x 1 1/4" NPS Female Thread
91030	Hose Barb Unequal 1 1/2" x 1 1/4" NPS Female Thread

PKG product is supplied in branded bags

## Key Features:

Feature:	Benefit:
Female Thread	Ideal for sink outlets or connecting a tail to the TruDesign T Piece.
When connected to a Skin Fitting / Thru Hull	Must be above water line. Below water line skin fittings must have a Ball Valve directly fitted to it.
Manufactured from a glass-reinforced Nylon composite	High strength, tough and light weight
Unequal tail option	Allows smaller hose connection to larger diameter inlet or outlet..
Immune to corrosion and electrolysis	Long-life with no concerns over decreased performance due to corrosion. No bonding required
Chemical resistant	Unaffected by diesel, petrol, black water, grey water.
UV resistant	Will not degrade or discolour with ultraviolet light from the sun
BSP & NPS (Parallel) threads	Universal compatibility to TruDesign Skin Fittings, threaded fittings, and other marine components.
Large operating temperature range	Suitable for all marine environments, from -40°C to +110°C

## Installation

For thread sealing see TruDesign Technical information sheet on our web site [www.trudesignplastics.com](http://www.trudesignplastics.com) - for suitable adhesive sealants and or thread tapes.

The connecting thread type are either BSP or NPS and clearly marked on the side of the fitting along with size. The advantage of parallel threads rather than tapered is that there can be maximum engagement between the mating threads providing a stronger connection. Do not over tighten, simply allow the adhesive sealant to provide the seal and orientation of the fitting.

Apply twin hose clamps for a secure hose connection and check tightness regularly.

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