

# TufMan<sup>®</sup> 10:1 Manifold

## Header Manifold for Quick Easy Installation

The TufMan<sup>®</sup> 10:1 Manifold has been designed and manufactured with premium grade materials, thickwall sections and a nitrile rubber O-ring to provide 'install and forget' confidence.

Installed directly into class 12-18 PVC pressure pipe, the TufMan<sup>®</sup> 10:1 Manifold eliminates glue joints for quick and easy installation. Simply drill a 14mm hole\* in the PVC pressure pipe, insert the rubber grommet and push the Manifold directly into the pipe to create a leak proof connection.



**BASF**  
The Chemical Company

**HIGH GRADE  
MATERIAL**



**INDESTRUCTIBLE  
DESIGN**



**AUSTRALIAN  
MADE**



**1 YEAR  
WARRANTY\*\***

\*Special drill required  
\*\*Subject to conditions, contact Boss Solar for more information

# Tough & Durable Design



## 1 Shorter Main Incoming Barbs

Optimum incoming barb length results in minimal flow restriction in the 40mm pipe. Special drill required.

## 2 Large Main Chamber

Minimal pressure due to a larger main chamber.

## 3 Tapered Barbs with Angled Tips

The Boss tapered design provides ease of installation and improved collector retention, while the angled tips offer easy fitting of the solar collector tubes.

## 4 10 Barb Design

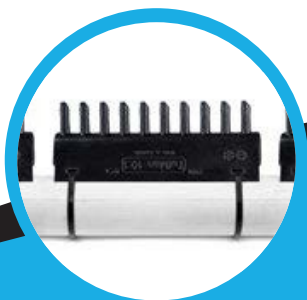
To suit 10 tube Ultimate Blue and Triple Black collector profiles.

## 5 Winged Sides

Stops sideward movement by locking the Manifold into place. Protects the rubber grommet from UV deterioration.

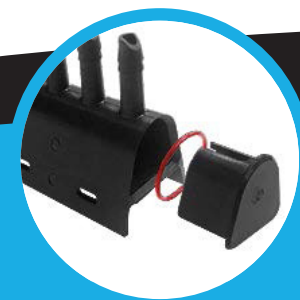
## 6 Manifold Length

Optimum body length of 160mm.



## 7 Cable Tie Slots For High Wind Regions

Moulded slots facilitate the use of up to 4 cable ties to securely lock the Manifold into place, ideal for high wind regions. Specifically formulated UV resistant cable ties are available from and recommended by Boss Solar. Designed and manufactured in the USA, these cable ties have been tested and proved to resist direct UV exposure.



## 8 Factory Installed O-Ring and Cap

Providing max bonding length between the plug and the body, the TufMan® 10:1 Manifold eliminates the traditional weak point of most 10:1 manifolds. The factory fitted cap and unique nitrile rubber O-ring creates a leak proof connection between the body and plug to provide 'install and forget' confidence in your solar heating systems.