

# SOLAR EEZY

## PRODUCT REFERENCE GUIDE



# SOLAR EEZY KITS



Solar Eezy pool heating systems have been designed from the start, for DIY installation and so every component is cleverly designed to make installation easy and fuss-free.

Strip solar heating has been used in Australia for over 40 years and is Australia's most popular pool heating option.

Consisting of a series of soft flexible (PVC) tubes, strip solar heating is installed on the roof and absorbs the Sun's free heat, transferring it into the circulating pool water. Strip solar pool heating systems are traditionally seen as difficult and complicated to install, as they require the installer to do a lot of measuring, cutting, stripping and collaring. But with Solar Eezy the hard work has been done for you! Simply roll out the solar coils, clip and connect the components together quickly and easily.

Solar Eezy requires no specialist/trade skills or tools. If you are a handyman with standard tools (measuring tape, dill, caulking gun etc.) you can install this system.

Solar Eezy has a 10-year manufacturer backed warranty on main system components (Solar Coils, Rubber Components, Header Pipes and Acetal Barb Locks). Refer to the website and warranty for full details. With exceptionally low running costs and excellent heating efficiency, Solar Eezy is the ideal choice.

Pool Surface Area Range (m <sup>2</sup> )	Total System		Active collector area	Model #
	Height	Length		
<b>6m Roof Kit</b>				
0-12	2.45	5.70	9.9m <sup>2</sup>	SE012-6
12-18	3.50	5.70	14.85m <sup>2</sup>	SE1218-6
18-25	4.55	5.70	19.8m <sup>2</sup>	SE1825-6
25-30	5.60	5.70	24.75m <sup>2</sup>	SE2530-6
<b>9m Roof Kit</b>				
0-12	1.75	8.70	10.2m <sup>2</sup>	SE012-9
12-19	2.45	8.70	15.3m <sup>2</sup>	SE1219-9
19-25	3.15	8.70	20.4m <sup>2</sup>	SE1925-9
25-31	3.85	8.70	25.5m <sup>2</sup>	SE2531-9
31-38	4.55	8.70	30.6m <sup>2</sup>	SE3138-9
36-44	5.25	8.70	35.7m <sup>2</sup>	SE3644-9
<b>13m Roof Kit</b>				
0-14	1.40	12.70	11.25m <sup>2</sup>	SE014-13
14-18	1.75	12.70	15m <sup>2</sup>	SE1418-13
18-28	2.45	12.70	22.5m <sup>2</sup>	SE1828-13
26-32	2.80	12.70	26.25m <sup>2</sup>	SE2632-13
30-37	3.15	12.70	30m <sup>2</sup>	SE3037-13
37-46	3.85	12.70	37.5m <sup>2</sup>	SE3746-13

For more information on system sizing visit <https://www.clarkrubber.com.au/>

# SOLAR EEZY FEATURES



 Easy push-in manifold connections

 Specially designed tube joints

 Simple push-in tube locks

 Pre-cut coils for your roof length

 Easy Glue-less connectors

 Clever roof-mounting systems

# SOLAR EEZY COMPONENTS



**1**



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# SOLAR EEZY COMPONENTS

## 1 SOLAR EEZY SOLAR COIL



SKU# 49810 (Coil for 6M Roof)  
SKU# 49811 (Coil for 9M Roof)  
SKU# 49812 (Coil for 13M Roof)

Unlike standard solar coils, this coil does not require any measuring, cutting, stripping or collaring. All of the hard work has been done for you!

Solar Eezy Solar Coils are manufactured with smart assembly barbs which can be quickly and securely locked into the Header Pipes. Supplied at the perfect length for either a 6m, 9m or 13m roof, Solar Eezy Coils do not require any specialised skills or tools.

Produced by Australia's largest solar pool heating manufacturer, these Solar Coils are produced using a premium grade PVC nitrile compound. This compound has been specifically designed to withstand harsh Australian conditions and has been used in Australia for over 30 years.

The solar collector used in our Solar Coils is certified by the SRCC. SRCC is an independent organisation who provide authoritative performance ratings, certifications and standards for solar thermal products with the intention of protecting customers. The rating includes numerous durability related tests as well as a test of the collector's heat output and efficiency. Allowing you to purchase a solar collector with proven performance and certified integrity.

- **Coil for 6M Roof - 1.65m<sup>2</sup>: This coil is 1.65m<sup>2</sup> and 11 lineal meters long**
- **Coil for 9M Roof – 2.55m<sup>2</sup>: This coil is 2.55m<sup>2</sup> and 17 lineal meters long**
- **Coil for 13M Roof - 3.75m<sup>2</sup>: This coil is 3.75m<sup>2</sup> and 25 lineal meters long**

Custom Solar Eezy solar coils are also available. Conditions and limitations apply.

## 2 & 3 DIY SOLAR HEADER PIPES



SKU# 49820 (H2 Header Pipe)  
SKU# 49821 (H3 Header Pipe)

The Solar Eezy Header Pipes are manufactured with smart assembly ports, allowing the installer to clip and connect the solar coils to the header pipes quickly and securely. Grooves machined at either end of the Header Pipe ensure a mechanical seal is formed with any rubber coupling that is attached to it.

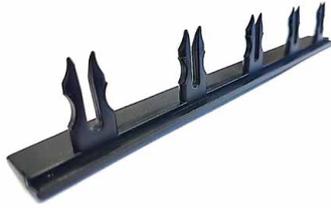
Solar Eezy Header Pipes are manufactured from high grade UV Stabilised Polypropylene which was selected for its excellent heat transfer properties and ability to stand up to long sun exposure. The material used is non-toxic and safe for drinking water as it fulfils FDA and EU requirements for articles in contact with food.

They come with a 10-year manufacturer's warranty. Refer to instruction manual and website for full warranty details.

- **H2 Header Pipe: 700mm long with 2 connection ports**
- **H3 Header Pipe: 1,050mm long with 2 connection ports**

# SOLAR EEZY COMPONENTS

## 4 ACETAL BARB LOCK



SKU# 49814

Barb Locks are used to secure the Solar Coils to the Header Pipes. Once the installer has inserted the Solar Coil into the smart assembly port in the Header Pipe, a Barb Lock is installed to lock the components together.

If required, Barb Locks can be removed by carefully sliding a long flathead screwdriver under the length of the Barb Lock and carefully lifting.

## 5 HEADER TO HEADER RUBBER COUPLING



SKU# 49856

Header to Header Rubber Couplings are used to connect header pipes together. They are manufactured from high quality EPDM rubber which has been used in the Australian solar pool heating industry for over 30 years.

Header to Header Rubber Couplings are moulded with multiple internal grooves to increase grip strength and sealing. High-grade stainless-steel hose clamps are used to secure the coupling to the header pipes, which are manufactured with specially designed grooves to ensure a mechanical seal to the rubber coupling.

Specifically designed for the solar pool heating market they come with a 10-year manufacturer's warranty. Refer to instruction manual and website for full warranty details.

## 6 RUBBER END CAP

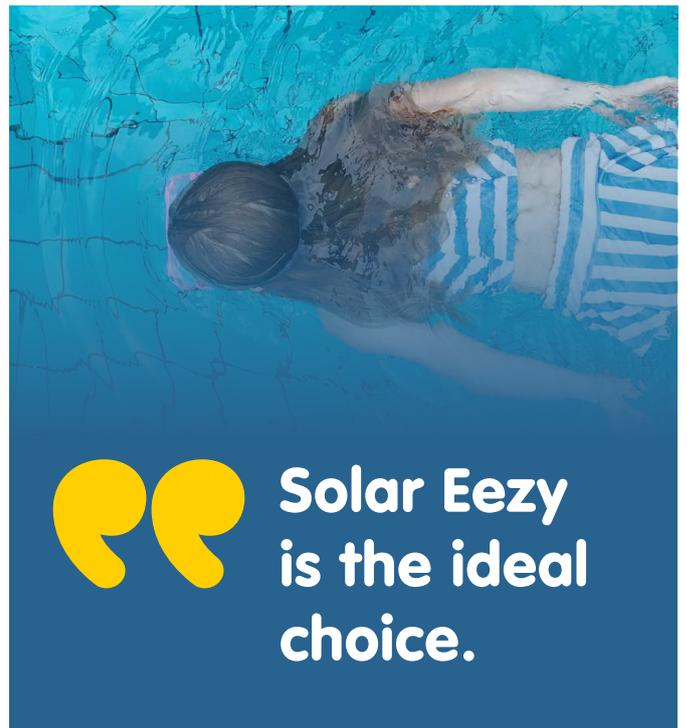


SKU# 49858

Rubber End Caps are installed at the top and bottom of the Solar System to form an end seal for the header pipes. They are manufactured from high quality EPDM rubber which has been used in the Australian solar pool heating industry for over 30 years.

Rubber End Caps are moulded with multiple internal grooves to increase grip strength and sealing. High-grade stainless-steel hose clamps are used to secure the cap to the header pipe, which are manufactured with specially designed grooves to ensure a mechanical seal to the End Cap.

Specifically designed for the solar pool heating market they come with a 10-year manufacturer's warranty. Refer to instruction manual and website for full warranty details.



**Solar Eezy  
is the ideal  
choice.**

# SOLAR EEZY COMPONENTS

## 7 HEADER TO PVC RUBBER COUPLING



SKU# 49857

Header to PVC Rubber Couplings are installed at the top and bottom of the Solar System to connect the header pipes to the PVC pipework. They are designed to bend and flex to absorb the differing thermal expansion and contraction rates of the header pipes and the PVC pipework, without placing undue stress on the connecting components.

The couplings are also moulded with multiple internal grooves to increase grip strength and sealing. High-grade stainless-steel hose clamps are used to secure the coupling to the PVC pipework and header pipes. The header pipes are manufactured with specially designed grooves to ensure a mechanical seal to the rubber coupling.

These couplings are manufactured from high quality EPDM rubber which has been used in the Australian solar pool heating industry for over 30 years. Specifically designed for the solar pool heating market they come with a 10-year manufacturer's warranty. Refer to instruction manual and website for full warranty details.

## 8 PROSIL 60 BLACK TUBE – SILICONE ADHESIVE



SKU# 49822

Prosil Silicone Adhesive is a high-performance neutral cure silicone. Prosil 60 Neutral Cured Silicone is used to adhere Solar Collector Coils to the roof. Prosil 60 is a 100% silicone adhesive that has been specifically designed for the solar market and has proven itself for over 20 years. Silicone adhesives purchased at general hardware stores generally contain fillers or extenders, which have the potential to damage the collector tubing over time. 100% silicone adhesives - No fillers or extenders. Designed for the solar market.

- **Superior adhesion - Tensile of >2.0Mpa**
- **Potable water approved - AS 4020**
- **Quick skin time**
- **Non-Corrosive**
- **Building approved – BS 5889**
- **Low VOC formula (< 50 gm/l)**
- **Proven to withstand the Australian sun and weather for 20 years**
- **Don't risk your warranty by using an inferior silicone**

# SOLAR EEZY COMPONENTS

## 9 VACREL® VACUUM RELIEF VALVE KIT



The VacRel® is a high-performance Vacuum Relief Valve for Solar Pool Heating. It has been designed to allow filtered air to easily enter the system, therefore eliminating internal splits or leaks due to vacuum crush of the collector (absorber).

The VacRel® is manufactured using high temperature black BASF LURAN S™ ASA body components with a Viton™ rubber Vernay USA Umbrella Check Valve™ and a 316 stainless steel mesh filter.

This innovative precision moulded product is meeting a critical need in the swimming pool heating industry.

The Boss Solar's VacRel® is:

- **Australian Made**
- **The choice of all leading Solar Pool Companies**
- **Manufactured using High Grade Materials, such as BASF Luran® S, Viton O-rings and 316 Stainless Steel mesh**
- **Solving the need for a high-quality valve to suit the harsh Australian conditions**
- **It is supplied with a PVC tee as part of the Solar Eezy kit. It is designed to be installed at the bottom of the Supply (cold) PVC pipework. It is supplied disassembled, however simple installation instructions and videos are accessible through the Clark Rubber website / YouTube channel.**

## 10 BALANCE PIPE CONNECTOR KIT

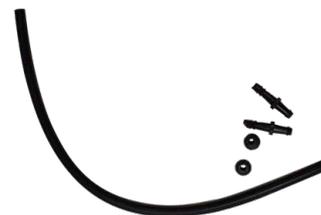


The Balance Pipe Connect Kit connects the header pipe to the return (hot) PVC pipework. It is supplied disassembled, however simple installation instructions and videos are accessible through the Clark Rubber website / YouTube channel.

Required by Australian Standards, a Balance Pipe is essential for balancing the water flow to improve system efficiency. Some solar designs may suggest feeding and returning the water from the bottom of the system without installing a Balance Pipe. This will result in the water taking the shortest path through the bottom solar coils, reducing flow in the upper coils

The supplied balance kit uses white PVC components which can be painted black if desired. Painting PVC black or the use of black PVC pipework is not recommended in Tropical or Sub-Tropical climates (Sydney or above)..

## 11 DRAIN DOWN KIT



SKU# 49827

The Drain Tube is an essential component that allows the supply (feed) pipe to slowly drain back via the return pipe. This, when combined with a correctly installed system will allow the collector and supply pipes to automatically drain back to the pool when the pump is switched off. The Drain Down Kit is installed by drilling a 8.5mm hole in the supply and return pipework, about 1 – 1.5m above the solar pump. The grommets are inserted into the holes, followed by the header barbs. The tube is then inserted onto the header barbs.

# SOLAR EEZY COMPONENTS

## 12 SILICONE SPRAY 150GM - BOX OF 12



SKU# 49815

Silicone Spray Lubricant aids in the fitting of the Collector tube and Rigid Collars to the TufMan Manifolds. Instead of a messy and clumsy bucket of soapy water, simply spray the components with Aerosolve to make the installation far faster and easier.

## 13 BARB EPDM SEAL (REPLACEMENT) – PACK OF 10



These seals are found at the ends of the Solar Eezy DIY solar coils in the smart assembly barbs. Replacement seals are used to replace lost or damaged seals

## Components Breakdown

ROOF LENGTH (M)		6m				9m						13m					
Clark Rubber Model #		SE012-6	SE1218-6	SE18-25-6	SE2530-6	SE012-9	SE1219-9	SE1925-9	SE2531-9	SE3138-9	SE3644-9	SE014-13	SE1418-13	SE1828-13	SE2632-13	SE3037-13	SE3746-13
SKU #	DESCRIPTION																
49810	Solar Coil 6m Roof Coil (11lm)	6	9	12	15												
49811	Solar Coil 9m Roof Coil (17lm)					4	6	8	10	12	14						
49812	Solar Coil 13m Roof (25lm)											3	4	6	7	8	10
49820	H2 Header Pipe - 700mm With 2 Smart Ports					4		2	4		2		4		4	2	4
49821	H3 Header Pipe (1050mm) With 3 Smart Ports	4	6	8	10		4	4	4	8	8	2		4	2	4	4
49814	Acetal Barb To Header Lock	12	18	24	30	8	12	16	20	24	28	6	8	12	14	16	20
49856	Header To Header Rubber Coupling	2	4	6	8	2	2	4	6	6	8	0	2	2	4	4	6
49822	Prosil 60 Silicone Adhesive	3	5	7	8	3	5	7	8	10	12	3	5	7	8	10	12

### SOLAR EEZY SYSTEM KIT CONTAINS:

SKU #	49849						
DESCRIPTION	Header to PVC Rubber Coupling	Rubber End Cap	Aerosolve Silicone Lubricant - 150gm	Vacrel Vacuum Relief Valve Kit	Drain Down / Equalizer Kit	Balance Pipe Connector Kit	Barb EPDM Seal (SPARE)
QTY	2	2	1	1	1	1	5

# CUSTOM SOLAR EEZY KITS



Custom Solar Eezy kits and coil lengths are available by special order. Coil length must be a whole number (min 5m, max. 27m). Please note that standard manufacturing tolerances apply.

Calculate the required custom coil length and components using the Custom Solar Eezy calculator.

The Solar Eezy System Kit contains parts that are consistent across all stocked and custom Solar Eezy kits.

This kit is useful when ordering custom Solar Eezy kits. The other components required are the custom Solar Coils, Header Pipes, Acetal Barb Locks, Header to Header Rubber Couplings and Prosil Silicone Adhesive.

## 1 SOLAR EEZY SYSTEM KIT



SKU# 49849

This includes:

- 2 x Header to PVC Rubber Couplings
- 2 x Rubber End Caps
- 1 x Aerosolve Silicone Spray Lubricant
- 1 x VacRel Vacuum Relief Valve Kit
- 1 x Drain Down Kit
- 1 x Balance Pipe Connector Kit
- 5 x EPDM Replacement seals

# SOLAR EEZY MOUNTING HARDWARE

## 1 EZYCLIPS HEADER / PIPE SUPPORT (BLACK & WHITE) – METAL ROOF – PACKS OF 6 & 30



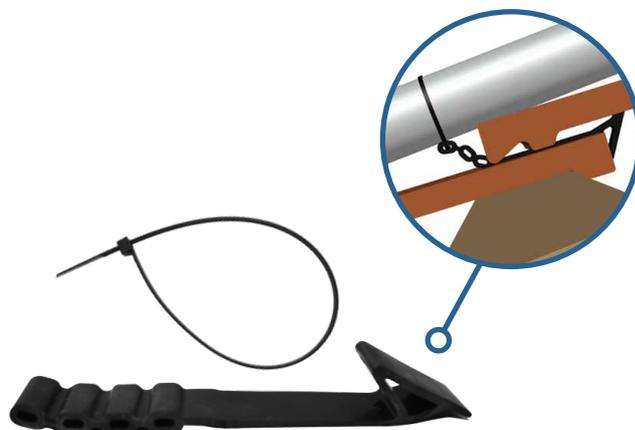
SKU# 49530 (Black)  
SKU# 49531 (White)

Designed for metal roof, the EzyClip supports 40mm headers/manifolds and PVC pipework up walls or on the roof. The EzyClip has been designed to perfectly bridge the gap of standard metal corrugation, providing quick, neat and easy installation. Manufactured using BASF Luran S ASA, they are high temperature and UV resistant.

Available in:

- **Black or White**
- **Packs of 6**
- **Box of 30**

## 2 EZYTIES HEADER / PIPE SUPPORT – TILE ROOF – PACKS OF 6 & 30



SKU# 49529

EzyTie is designed to secure the solar header pipes and PVC pipework without the risk of breaking roof tiles. This allows you to install a complete solar system without drilling any holes into your roof.

Manufactured from high grade EPDM rubber and UV resistant cable ties, EzyTies can be installed quickly and easily. EzyTies are the ideal no drill, no fuss header mounting option for tiled roofs.

Available in:

- **Packs of 6**
- **Box of 30**

## EzyClip and EzyTie Quantity Requirements

6m Roof Kit	
QTY Req.	Model#
7	SE012-6
12	SE1218-6
13	SE1825-6
16	SE2530-6

9m Roof Kit	
QTY Req.	Model#
6	SE012-9
7	SE1219-9
9	SE1925-9
12	SE2531-9
13	SE3138-9
16	SE3644-9

13m Roof Kit	
QTY Req.	Model#
6	SE014-13
6	SE1418-13
7	SE1828-13
9	SE2632-13
9	SE3037-13
12	SE3746-13

# SOLAR EEZY ANCILLARY COMPONENTS



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# SOLAR EEZY ANCILLARY COMPONENTS

## 1 DIGITAL SOLAR CONTROLLER – AQUASUN 2



SKU# 49795

You can automate the heating process by installing a digital solar controller, which monitors the roof and pool temperatures and automatically switches the system on and off to ensure maximum heating efficiency. Without a Digital Controller, you will have to manually open and close a 3-way valve to switch the system on and off.

The Aquasun 2 (2-Socket) is an automatic solar controller with temperature adjustment, manual mode and winter mode features. This controller can be used for both Independent Systems (separate solar suction lines) and Retro/Integrated Systems (solar has been plumbed into the filtration line). Mode of operation and the temperature limit setting are retained after a power outage.

Box includes:

- **Controller Unit,**
- **Roof Sensor**
- **Pool Sensor & Grommet**
- **Instruction Manual**

This unit comes with a 2 Year Warranty.

## 2 POOL TO ROOF KIT (40MM PVC) FOR INDEPENDENT CIRCUIT



SKU# 49847

To install plumbing from your new or existing pool equipment pad to your solar roof kit, you will need PVC plumbing components. This kit contains the PVC components required for an independent circuit (separate solar suction lines). It also includes a pressure gauge, UV resistant cable ties and a check valve, which is installed above the pump to keep it primed.

This kit does not include 6-metre-long PVC pressure pipe (class 12), solvent or primer due to transportation and handling issues.

## 3 POOL TO ROOF KIT (40MM PVC) FOR RETRO FIT ON EXISTING FILTRATION



SKU# 49848

To install plumbing from your new or existing pool equipment pad to your solar roof kit, you will need PVC plumbing components. This kit contains the PVC components required for a Retro/Integrated Systems (solar has been plumbed into the filtration line). It also includes a pressure gauge, UV resistant cable ties and a check valve, which is installed above the pump to keep it primed.

This kit does not include 6-metre-long PVC pressure pipe (class 12), solvent or primer due to transportation and handling issues.

# SOLAR EEZY ANCILLARY COMPONENTS

## 4 TUFMAN® 10:1 MANIFOLD



SKU# 49816

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

Installed directly into class 12-18 PVC pressure pipe, the TufMan® 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.

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

The TufMan® 10:1 Manifolds will require a special drill bit to install. Boss supply's both a limited use and professional grade counterbore tool

## 5 10 TUBE REPAIR KIT



SKU# 49819

This kit contains 10 Joiner Barbs and 20 Rigid Collars, allowing you to join up to 10 solar collector tubes together. This is ideal for shortening a coil length of for repairing a damaged tube.

## 6 50 TUBE REPAIR KIT



SKU# 49818

This kit contains 50 Joiner Barbs and 100 Rigid Collars, allowing you to join up to 50 solar collector tubes together. This is ideal for shortening a coil length or for repairing a damaged tube.

## 7 TUFFILTA HIGH PERFORMANCE IN-LINE SOLAR FILTER - 40MM



SKU# 49859

The Tuffilta® is responsible for filtering out debris and fibres which can cause blocked or ruptured tubes, stagnant systems and reduced water flow. The Tuffilta® is an inexpensive way to optimise system performance and longevity.

- **Required by Australian Standards AS 3634-1989**
- **Replaceable and cleanable inner filter cartridge**
- **Premium grade, UV and impact resistant materials**
- **Australian Made by Boss Solar**

# SOLAR EEZY ANCILLARY COMPONENTS

## 8 TUFFILTA REPLACEMENT CARTRIDGE



SKU# 49830

Washable and replaceable synthetic inner filter cartridge for the TufFilta. This cartridge is responsible for collecting the particles and preventing their progression through the system.

## 9 TUGAUGE IN-LINE SOLAR PRESSURE GAUGE



The TufGauge is installed on the supply line and allows the installer to ensure the system is running at an appropriate pressure (under 100 kPa for bottom feed systems). It is also a useful tool in troubleshooting any potential issues with the system down the track.

## 10 TUFTOOL RIGID COLLAR TOOL - BLUE



SKU# 49817

The TufTool® is an installation tool designed to make the installation of TufMan® Rigid Collars faster, easier and safer. Rigid Collars can be difficult to install, as they require a firm fit to ensure adequate locking is achieved. With its new anti-slip design, ergonomic plastic handle and high grade materials the TufTool® makes installation a breeze!

## 11 UV RESISTANT CABLE TIES - PACK OF 10



SKU# 49529

These cable ties have been specifically formulated and tested for long term exposure to UV radiation and are ideal for supporting PVC pipework, header pipes, manifolds and wires. Unavailable in Australia, these high-tech cable ties have been imported from the USA. They have been used in a wide variety of applications, including photovoltaic installations (PV panels), industrial wiring and outdoor installations. These cable ties have been tested and proven to be able to resist solar radiation for at least 10 years in a Southern European country.

## 12 STANDARD COUNTERBORE TOOL



SKU# 49828

In order to install the TufMan 10:1 Manifold a 14mm hole must be drilled directly into the PVC pressure pipe before the rubber grommet and manifold can be inserted. The Standard Counterbore Tool is designed for the DIY handyman who is only going to be installing a system or two. This tool has an approximately life expectancy of 100 drill holes.

- **Safely drill 14.5mm holes for the TufMan 10:1**
- **Designed for the DIY handyman**
- **Will drill approximately 100 holes**
- **Non hardened**

# SOLAR EEZY ANCILLARY COMPONENTS

## 13 TUFMAN PREMIUM MANIFOLDS – 10, 12 & 14 TUBE



SKU# 49823 (10 Tube - 400mm)  
SKU# 49824 (10 Tube - 500mm)  
SKU# 49825 (12 Tube)  
SKU# 49826 (14 Tube)

The Boss TufMan® has been designed with premium grade materials and thick wall sections to provide “install and forget” confidence.

The Australian Made Boss TufMan® is moulded in a single piece using premium grade BASF Luran S® impact modified ASA. This special heavy-duty material delivers excellent resistance to aging, ultraviolet radiation, weathering, chemicals and provides excellent colour retention. The Boss TufMan® is precision engineered with a unique design to strengthen parts of the manifold that are traditional weak spots and to make installation quick and easy.

The Boss TufMan® has:

- **Long 50mm socket length for firm, positive joints**
- **Increased wall thickness for strength and durability**
- **Angle tipped barbs for easy fitting of the solar collector tube**
- **Sharp barbs for better absorber retention**
- **Moulded lines to facilitate easy trim down to suit metal or tile roofs**
- **Manifold lengths of either 400mm or 500mm**
- **10, 12 and 14 Barb Manifolds Available**

### What is the 400mm Manifold suitable for?

The 400mm manifold lengths are suitable for metal roofs/decks and most common roof tiles where the manifold is installed at right angles to the lay of the collector runs.

### What is the 500mm Manifold suitable for?

The 500mm manifold lengths are suitable for metal roofs/decks and roof tiles where the manifold is installed on an angle - parallel to the roofs hips or valley.

## 14 TUFMAN PREMIUM MOULDED RIGID COLLAR - 9.25MM - BAG OF 250



SKU# 49797

The TufMan® Rigid Collars are an essential component when installing a strip (flexible) solar pool heating system. Sometimes referred to as a ‘Locking Collar’ or ‘Outer Sleeve’, TufMan® Rigid Collars are responsible for securely locking the solar collector tube onto the barbs of the manifold.

The Australian Made TufMan® Rigid Collars are manufactured using premium grade BASF Luran S® impact modified ASA. This special heavy duty material delivers excellent resistance to aging, ultraviolet radiation, weathering, chemicals and provides excellent colour retention.

TufMan® Rigid Collars are available in:

- **9.00mm – Most suitable for manifolds with 6mm straight (no tapered) barbs**
- **9.25mm [Preferred Size] – Most suitable for manifolds with 6mm tapered barbs**

# SOLAR EEZY ANCILLARY COMPONENTS

**15 & 16**

**TUFMAN TAPERED & STRAIGHT JOINER BARB - 6MM - BAG OF 250**



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SKU# 49798 (Tapered)  
SKU# 49799 (Straight)

The TufMan® Joiner Barbs are used for joining the solar collector tubes together or for repairing a hole.

The TufMan® Joiner Barbs have a diameter of 6mm and are available in straight and tapered designs:

- **Straight Joiner Barbs are a traditional design, ideally suited to EPDM rubber collectors.**
- **Tapered Joiner Barbs are ideal for PVC collector and must be installed with a Rigid Collar. The tapered design makes insertion faster and easier.**

**17 & 18**

**TUFMAN TAPERED & STRAIGHT HEADER BARB - 6MM - BAG OF 250**



**17**



**18**

SKU# 49792 (Tapered)  
SKU# 49793 (Straight)

The TufMan® Header Barbs are used for joining the solar collector to the header pipe using a Rubber Grommet (part# 045\_0306).

To install the Header Barb, a Rubber Grommet (part# 045\_0306) must first be inserted into the hole of the PVC header pipe. The short end of the Header Barb is

then inserted into the grommet and the collector tube is slide over the long end. For Tapered Header Barbs a Rigid Collar must be used to lock the components into place. The TufMan® Header Barbs have a diameter of 6mm and are available in straight and tapered designs:

- **Straight Header Barbs are a traditional design, ideally suited to EPDM rubber collectors and must be installed with a Rubber Grommet (part# 045\_0306).**
- **Tapered Header Barbs are ideal for PVC collector and must be installed with a Rigid Collar (part#) and Rubber Grommet (part# 045\_0306). The tapered design makes insertion faster and easier.**

# SOLAR EEZY ANCILLARY COMPONENTS

## 19 TUFMAN HEADER GROMMET (EPDM) - 6MM- BAG OF 250



The TufMan® Header Grommets are made from high grade EPDM rubber. These 6mm Header Grommets are used in conjunction with the TufMan® Straight and Tapered Header Barbs to create Barb and Grommet manifold headers. They are also used as part of the Drain Down Kit and for repairing damaged manifolds.

## 20 MANIFOLD TRAY 1.2M - BLACK



SKU# 49846

Eliminate (or minimise) screws in your Klip-lok or Spandek roof with the Solar Manifold Tray available through Clark Rubber.

This 1200(L) x 195mm(W) black powder coat tray can support up to three pipes, including both the Supply and Return Header Pipes and the Balance Pipe. The trays come with a tongue and groove connection to allow multiple trays to be joined.

The tray/s can be secured to the roof using standard roof and gutter silicone. Screws can be added for extra security. The Header Pipes are attached to the tray using UV Resistant Cable Ties (available through Clark Rubber) in place of EzyClips/EzyTies.

## 21 10 TUBE TRIPLE BLACK - 27M (4.05M<sup>2</sup>)



SKU# 49860

Triple Black is a traditional, single layered PVCn strip collector profile manufactured by Boss Solar. With its SRCC certification and time-tested performance, Triple Black has become the collector of choice for many high-end pool professionals across Australia, the United States and Europe.

SRCC is an independent organisation who provide authoritative performance ratings, certifications and standards for solar thermal products with the intention of protecting customers. The rating includes a number of durability related tests as well as a test of the collector's heat output and efficiency. With Triple Blacks' SRCC rating you can be assured that you are purchasing a solar collector with proven performance and certified integrity.

Triple Black solar coils are a 10-tube profile with 6mm tube ID. The coils are 27lm or 4.05m<sup>2</sup>.



**13 80 90**

**[www.clarkrubber.com.au](http://www.clarkrubber.com.au)**



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