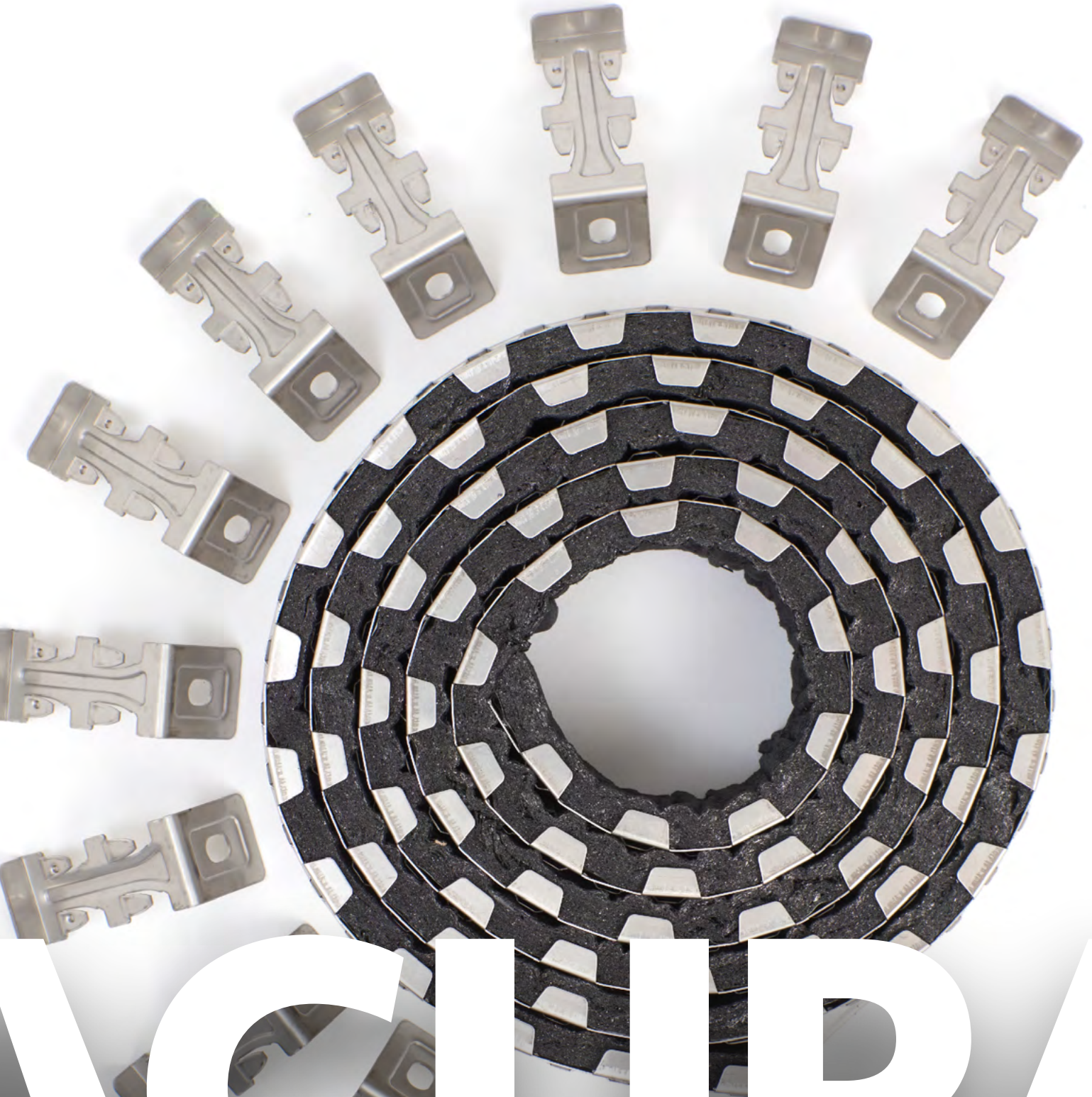




One solution for over 500 applications.



ACCURA



SNAP Utility Collar



**SNAP Your
Fingers
and Voilà!
Compliance
and Versatility
in Every Collar,
Every Time.**

• SNAP Utility Collar

There is simply no compromise when it comes to ensuring all utility penetrations in multi-storey buildings are compliant to the safety standards outlined in the National Construction Code (NCC) 2022.

However, aside from compliance, versatility and coverage can be a problem when you need to adapt to fast-changing requirements throughout building re-fits, fitouts, refurbishments, retrofit applications, and also quite often when a build is complete before final pipe layouts are established.

But what if there's a solution that addresses compliance, versatility, and coverage all in one? Well, SNAP your fingers and say hello to the Utility Collar from SNAP Fire Systems.

Special Features:

- Collar can be painted apart from the active area of the collar
- Collar can be installed with minimum 40mm separation – outer edge to outer edge of collar casing



Engineered for Reliability

With the Utility Collar from SNAP, your peace-of-mind gets the major tick thanks to 23 independent tests at CSIRO on 81 unique specimens, providing 504 unique installation combinations on all major pipe types, from PVC and PVC + Fittings to HDPE, Triplus and Raupiano Pipes, across a multitude of elements:

- Concrete Slabs ($\geq 120, 150$ & 175mm)
- Bondek Slabs ($\geq 120, 150$ & 175mm)
- 90mm PB Wall (64mm stud, 1 x 13mm either side)
- 116mm PB Wall (64mm stud, 2 x 13mm either side)
- Concrete and Masonry walls ($\geq 116\text{mm}$)
- 75mm Hebel Powerpanel Wall (90 & 120 minute walls)
- 78mm SpeedPanel (patched with Fire-rated Plasterboard)
- Dintel walls - without removing the plastic (110 & 155mm)
- AFS Rediwall - without removing the plastic (110mm)
- AFS Logicwall - without removing fibre sheeting (110mm)



The SNAP Utility Collar is meticulously engineered to align with the most current standards, including AS 1530.4-2014 and AS 4072.1-2005, ensuring full compliance with NCC 2022

Designed with both efficiency and reliability in mind, this versatile utility collar provides a certified defence mechanism for utility penetrations in both floors or walls, catering perfectly to the dynamic nature of construction applications.

With an impressive array of over 500 unique combinations, the multi-purpose and cut-to-fit design of the SNAP Utility Collar enables swift, on-site customisation to meet any requirement, thereby eliminating project delays without compromising on compliance standards.



Scan this QR code to download the CSIRO assessment report.



What's in the Box?

- 152 Segment Strip
- 30 Brackets
- 24 Screws
- 15 Wedge Anchors
- Data Sheet



Installation Instructions

Application: Retrofit stack and wall collar

1

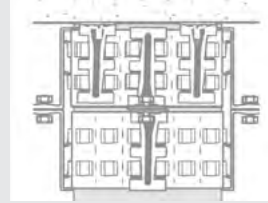


Create a hole in the wall or slab no larger than the maximum hole size (see Table 1, page 6)

2

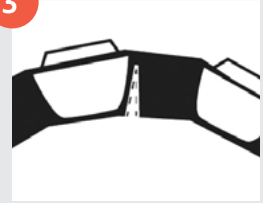


Count or measure required segments using ruler on box (see Table 2, page 6)



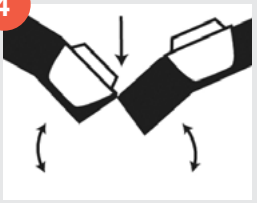
For 150 collar installations, use the Special Installation instructions on the data sheet

3



Cut intumescent strip

4



Bend and snap the metal case

5



Trim the intumescent strip on an angle

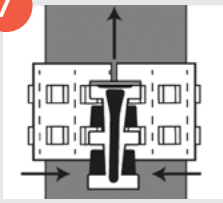


6



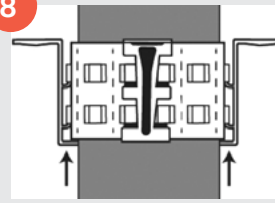
Wrap collar around pipe

7



Clip collar together with a bracket

8



Add additional brackets spaced out evenly and fix (see Table 3, page 6)

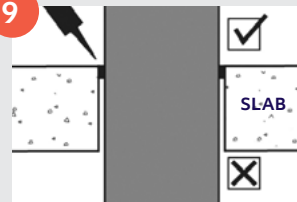
9



Seal annular gap between the wall and pipe on both sides as or required (see Table 4, page 6)

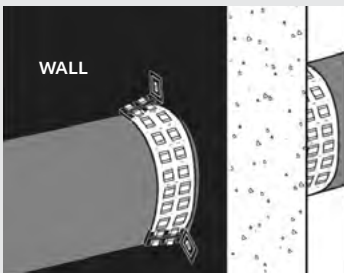
OR

9

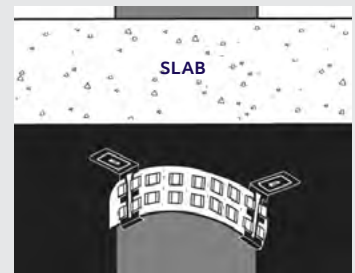


Seal annular gap between the slab and pipe only on top as required (see Table 4, page 6)

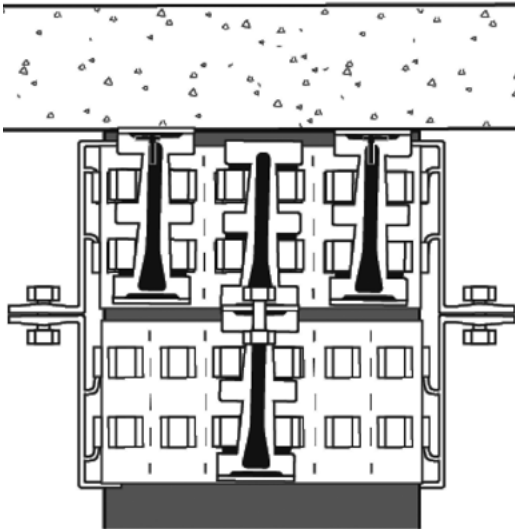
COMPLETE INSTALLATIONS



Fix the collar to the wall or slab with approved fixings (see Table 5, page 7).



Special installation: 150 collar



1. Make two 40-segment collars with brackets slotted in at 90 degree intervals on both.
2. Join the two collars together by inverting one collar and align the fixing holes.
3. Bolt the collars together through the fixing holes using M6 nuts and bolts.
4. Place four brackets at 90 degree intervals evenly around the collar to use as fixing points and secure the double collar to the element.





Utility Collar Product Data

Table 1: Maximum hole size

		NOMINAL PIPE DIAMETER (MM)									
PIPE TYPE		40	50	56	63	65	75	80	90	100/110	150/160
	PVC	60	73			86		99	107	127	168
	PVC & Fitting	60	73			86		99	107	127	
	HDPE	57	67	73	80		92		107	127	
	Triplus	57	67				92		107	127	168
	Raupiano	57	67				92			127	168

Refer to Table 4 for the pipe diameter's sealant requirements

Table 2: Required segments

		NOMINAL PIPE DIAMETER (MM)									
PIPE TYPE		40	50	56	63	65	75	80	90	100/110	150/160
	PVC	15	18			21		24	26	29	2 x 40
	PVC & Fitting	17	20			23		26	27	31	
	HDPE	15	18	18	20		23		26	29	2 x 40
	Triplus	15	18				23		26	29	2 x 40
	Raupiano	15	18				23			29	2 x 40









Table 3: Required brackets








NUMBER OF BRACKETS FOR VARIOUS SIZES OF UTILITY COLLARS	
PLASTERBOARD LINED STEEL STUD WALLS, SPEEDPANEL & HEBEL POWERPANEL	
PIPE SIZES (MM)	NUMBER OF BRACKETS REQUIRED
40 - 110	3
150 / 160	4
CONCRETE SLABS INCL. BONDEK CONCRETE WALLS, AFS REDIWALL, AFS LOGICWALL & DINCEL	
PIPE SIZES (MM)	NUMBER OF BRACKETS REQUIRED
40 - 65	2
75 - 110	3
150 / 160	4

Table 4: Sealant requirements

PIPE SIZES (MM)	ANNULAR GAP (MM)	DETAIL
40 - 160	0 - 2	Optional
40 - 110	2 - 8.5	10mm Deep Bead of Fire-Rated Acoustic Sealant
150 / 160	0 - 4	

Table 5: Required fixings

HDPE PIPES			
Element	Nom. Pipe Diameter (mm)	Collar Fixing Type	
Concrete Slab, Concrete Wall, AFS Rediwall, AFS Logicwall & Dincel (Min. 25mm concrete embedment)	40 - 160	5 x 30mm Concrete Screw Bolt	
		6 x 35mm Steel Wedge Anchor	 SUPPLIED
		6.5 x 40mm Steel Sleeve Anchor	
		5 x 32mm Mushroom Head Spike	
Single Layer Plasterboard Lined Steel Stud Wall	40 - 110	Min. M4 Steel Expandable Anchor	
Double Layer Plasterboard Lined Steel Stud Wall	40 - 110	10g x 38mm Coarse Thread Laminating Screw	 SUPPLIED
		Min. M4 Steel Expandable Anchor	
	150 - 160	Min. M4 Steel Expandable Anchor	
Hebel Powerpanel & Speedpanel	40 - 160	14g-10 x 65mm Hex Head Screw	

PVC, TRIPLUS & RAUPIANO PIPES			
Element	Nom. Pipe Diameter (mm)	Collar Fixing Type	
Concrete Slab, Concrete Wall, AFS Rediwall, AFS Logicwall & Dincel (Min. 25mm concrete embedment)	40 - 160	5 x 30mm Concrete Screw Bolt	
		6 x 35mm Steel Wedge Anchor	 SUPPLIED
		6.5 x 40mm Steel Sleeve Anchor	
		5 x 32mm Mushroom Head Spike	
Plasterboard Lined Steel Stud Wall	40 - 110	10g x 38mm Coarse Thread Laminating Screw	 SUPPLIED
		Min. M4 Steel Expandable Anchor	
	150 - 160	Min. M4 Steel Expandable Anchor	
Hebel Powerpanel & Speedpanel	40 - 160	14g-10 x 65mm Hex Head Screw	



◆ Who we are ACURA Group

ACURA partners with the trades in commercial construction, delivering high quality, innovative solutions to the MEP-F (HVAC (mechanical), electrical, plumbing, fire) service providers of multi-storey construction projects.

The success of our family owned and operated business is built on sound technical knowledge, world-class service and speed of delivery. High stock holdings and 5 delivery runs every weekday help keep your projects on time and on budget.

You will find our expertise and products in iconic builds across Adelaide and Perth, including builds like the Osborne Naval Shipyard, Adelaide Oval, nRAH and SAHMRI in SA, and the Perth Stadium and PTOCC in Perth, as well as urban developments like the Bowden Precinct in SA and the Civic Heart in WA, and chain developments like Aldi.

◆ How we can help

We're with you on site

When you're on site, 'perhaps' and 'maybe' just won't cut it. You need certainty and reliability. In fact, you demand it. That's why ACURA Group is the name more contractors trust. When it comes to meeting project deadlines, we deliver.

- We know our stuff – technical knowledge plus expert support to keep you compliant on site.
- You need it, we deliver it – we deliver directly to you on site when you need it.
- Stacks of stock – we have what you need, and we have plenty of it.
- Customer approved - satisfied customers are what we live for.



Specialist supplier

- Your specialist solutions supplier for the construction industry in SA and WA, covering Plumbing, HVAC, Electrical and Fire Services

Huge range in stock

- We stock what we sell. Our fill rate is more than 97% on average, which means we can dispatch to site in lightning speed
- Over 7,000 items in stock
- We're the experts at sourcing hard to find products

Fast, friendly delivery

- Same day delivery to you on site
- Multiple delivery runs per day with on-demand VIP delivery service available
- Over 99% of delivery runs leave on time, with guaranteed delivery within 2 hours from dispatch
- A complimentary box of biscuits with every delivery

Customer testimonials

- Our customers are our best endorsement
- Our regular Net Promoter Score surveys have a world-class customer satisfaction score of 80+





◆ Delivered Fast & on time

You want to work, not wait. That's why we deliver to you on site, and we deliver fast.

We have a large range in stock at our Adelaide and Perth warehouses, always ready to dispatch straight to you when needed, on one of our five delivery runs a day in the Adelaide and Perth metropolitan areas.

We can respond to your short notice orders too, with our VIP delivery service ready to run when you need it, meaning you are not bound to any delivery times. Additional charges may apply.

Adelaide - SA

- Order by 4pm the day before - get it by 8:30am the next day
- Order by 8:30am - get it by 11am the same day
- Order by 11am - get it by 1:30pm the same day
- Order by 12:30pm - get it by 3pm the same day
- Order by 2pm - get it by 4:30pm the same day

Perth - WA

- Order by 4pm the day before - get it by 9am the next day
- Order by 9am - get it by 11:30am the same day
- Order by 12pm - get it by 2:30pm the same day
- Order by 1:30pm - get it by 4pm the same day
- Order by 3pm - get it by 5:30pm the same day

VIP Uber delivery - available for urgent deliveries. Delivery times are subject to Uber availability, and additional delivery fees will apply.

***Large orders and outside metro area, may require extra time.**

We aim to deliver within two hours of a delivery run leaving our warehouse. Our speed of delivery is measured daily, with 99.9% delivered on time.

Specialist Products



Custom Solutions



WITH YOU ON SITE



ACURA



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