

MaxiCollars™

Advanced-technology intumescence for maximum performance in sealing combustible pipes

Fire rated for up to 4hrs

Tested to AS1530.4, AS4072.1 and EN1366



Technical Data Sheet

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KEY BENEFITS

- Maximum Performance – up to 4hrs fire rated
- Suited to Plasterboard, Masonry, Concrete, Speedpanel/Speedwalls floors and walls
- Can be applied to Speedpanel without the need for plasterboard build-up
- Sizes available from 32mm – 250mm diameter
- Only 40mm deep allows use in tight areas
- Tested to AS1530.4, AS4072.1 and EN1366

INTRODUCTION



BOSS MaxiCollars™ set new standards in the use of retrofit pipe collars.

With a unique design and advanced intumescent technology, MaxiCollars™ provide one of the highest expansion rates available on pipe collars, providing maximum seal protection against fire and smoke.

Coupled with a unique profile of only 40mm depth, MaxiCollars™ are the best choice for tight fitting areas or closely installed pipes.

Suited to both walls and floors, MaxiCollars™ can be installed on the following structures:

- ✓ BOSS Batt mineral fibre boards (Figure 1)
- ✓ Speedpanel – with no need for additional plasterboard build up (Figure 2)
- ✓ Plasterboard and other drywalls (Figure 3)
- ✓ Masonry and Block (Figure 4)
- ✓ Hebel/AAC
- ✓ Concrete (Figure 4)



Figure 1



Figure 2



Figure 3

Suited to a wide range of combustible pipes, MaxiCollars™ have been tested on uPVC, Polypropylene (PP) and Polyethylene (PE) in both capped and uncapped scenarios. MaxiCollars™ contain no fusible links or mechanical parts, giving a guarantee of activation in a fire situation.

INSTALLATION

BOSS MaxiCollars™ are designed to be bolted to the underneath of the concrete floor or surface mounted to walls. In wall situations one collar should be used on the outside of each face of the fire rated wall.

To fit the collar, open the collar by folding back the latching tab and sliding the collar ends apart. Wrap around the pipe and re-insert the fixing tab to close the collar. Fold back the tab to securely lock in place.

Mark the holes to be drilled at each tab onto the wall or floor and drill as required. Ensure only all-steel mechanical fixings are used – plastic or composite / alloy fasteners must not be used.

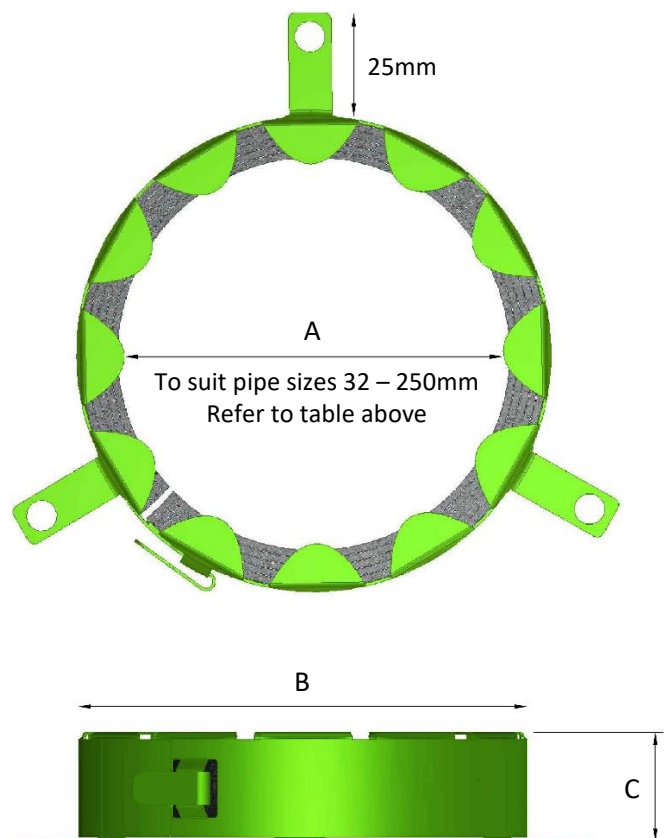
Gaps around pipe penetrations can be sealed with BOSS FireMastic-300 fire rated sealant.

SIZES

Part ID	Description	A (max in mm)	B (mm)	C (mm)
MC-32	32mm MaxiCollars™	35	47	30
MC-40	40mm MaxiCollars™	43	55	30
MC-50	50mm MaxiCollars™	58	70	30
MC-65	65mm MaxiCollars™	66	80	30
MC-75	75mm MaxiCollars™	78	98	30
MC-80	80mm MaxiCollars™	85	105	30
MC-100	100mm MaxiCollars™	113	137	30
MC-125	125mm MaxiCollars™	128	156	40
MC-150	150mm MaxiCollars™	163	203	40
MC-200	200mm MaxiCollars™	203	247	40
MC-250	250mm MaxiCollars™	253	305	40



Figure 4 - Pipe with collar through concrete floor and block wall



HEALTH AND SAFETY

To learn more about the safe handling of MaxiCollars™, please contact Boss Fire team.

LIMITATION

BOSS Fire & Safety Pty Ltd has provided the above technical information in good faith and to the best of its knowledge. This information was deemed to be correct at the time of publication. Should any data come to BOSS Fire & Safety's attention relating to the fire resistance or performance of the product described, BOSS Fire & Safety reserve the right to amend this report.

BOSS Fire & Safety strive to constantly improve and develop products so this information may change without notice.

FURTHER TECHNICAL INFORMATION

For additional technical information on the performance of MaxiCollars™ or other BOSS products please contact our Technical Services team on:

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