



SLOTTEDSECTION

Delivering High-Quality Made to Measure Insulation.

INSTALLATION PROCEDURE CIRCULAR PIPEWORK & DUCTWORK

◆ STORAGE

SlottedSection & weatherproofed SlottedSection and tapes must be kept dry on site, either by storing inside or under weatherproof tarpaulins if stored outside. Additionally, the outside the sections should be stored raised off the ground e.g. on pallets. Installing wet or damp sections will stop the tape from adhering properly.

◆ Internal - Reinforced Silver, White /Matt Black Aluminium Foil and Theatre Matt Black SlottedSection

Prior to installation ensure that the SlottedSection is dry and the pipework or ductwork that is to be applied is also clean, dry and free from builder's dust.

SlottedSection is delivered to site flat packed in bags or on pallets if site conditions allow. We recommend that these bags are untied rather than cut or ripped so that they can be reused to help keep the site tidy.

We supply factory made SlottedSection bends for all sizes from 100mm diameter up to 1120mm but should bends need to be cut on site SlottedSection should be rolled to form a section and taped at places along its length. A bend can then be cut in accordance with normal practice using a fine-toothed saw. Once cut, the tape on the bend segments should be slit, opened out and then applied to the pipe bend and taped as above.

Bends and sets should be fitted first with the straight being applied up to them, matching up the lines. Each segment of the bend should be close butted to the next without gaps, lined up and sealed using standard Class 'O' Foil tape (see tape recommendations below).

SlottedSection straights should be applied to pipework and ductwork using standard Class 'O' Foil tape (see tape recommendations below). The section should be wrapped around the pipe or duct and held together so the joint closes completely and then tagged together using 50mm lengths of foil tape. Once held in place a line of tape should be applied along the length of the joint, around the butt joints and circumferentially around the middle of each section. Once applied this tape should be sealed down to the foil of the section using recommended plastic applicators which are found in some manufacturers tape boxes.

When fitting SlottedSection to larger pipes or ducts a strap can be used to close the section around the pipe or duct.

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◆ External or Internal - Weatherproofed SlottedSection

Prior to installation ensure **SlottedSection** is dry and the pipework or ductwork that is to be applied is also clean, dry and free from builder's dust.

Weatherproofed **SlottedSection** is delivered to site flat packed in bags or on pallets if site conditions allow. We recommend that these bags are untied rather than cut or ripped so that they can be reused to help keep the site tidy.

We supply factory made weatherproofed **SlottedSection** bends for all sizes from 100mm diameter up to 1120mm but should bends need to be cut on site should be rolled to form a section and taped at places along its length. A bend can then be cut in accordance with normal practice using a fine-toothed saw.

Bends and sets should be fitted first with the straight being applied up to them, matching up the lines. Each segment of the bend should be close butted to the next without gaps and sealed using matching 2 ply ProClad T tape (see tape recommendations below).

Wrap the weatherproofed **SlottedSection** around the pipe or duct closing the joint completely and tag it together using pieces of 50mm long foil tape. Once held in place a line of matching Weatherproof tape should be applied along the length of the joint and sealed down firmly across the joint using recommended plastic applicators which are found in manufacturers tape boxes. Tape should be applied and sealed down in the same way around the butt joints and circumferentially around the middle of each section.

When fitting **SlottedSection** to larger pipes or ducts a strap can be used to close the section around the pipe or duct.

For external work, the **SlottedSection** should be applied in the dry to allow proper adhesion of the tape, when 'boned' in. The width of this tape used should be appropriate for the size of the **SlottedSection** (See Recommendations below).

Remember, taping of external **SlottedSection** will be on show as it is the final installation. Care should be taken to ensure that it is carried out in a neat and professional manner.

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RECOMMENDATIONS FOR TAPE USE

Internal Standard Class 'O' Foil Tape e.g. Protech GT30HT or T303

Straights

Up to 167mm	50mm WIDE	Additional Band of Tape Around the Centre of Every Section
168mm TO 355mm	75mm WIDE	Additional Band of Tape Around the Centre of Every Section
356mm & Above	100mm WIDE	Additional Band of Tape Around the Centre of Every Section

Bends

Up To 167mm	50mm WIDE
168mm & Above	75mm WIDE

Elbows / Sets

All Sizes	50mm WIDE
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External or Internal Weatherproofed SlottedSection 2Ply ProClad T External Tape

Straights:

Up to 167mm	50mm WIDE	Additional Band of Tape Around the Centre of Every Section
168mm & Above	75mm WIDE	Additional Band of Tape Around the Centre of Every Section

Bends

Up TO 167mm	50mm WIDE
168mm & Above	75mm WIDE

Elbows / Sets

All Sizes	50mm WIDE
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This document is issued by SlottedSection for guidance purposes only and the company does not warrant or take responsibility for any installation based thereon

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