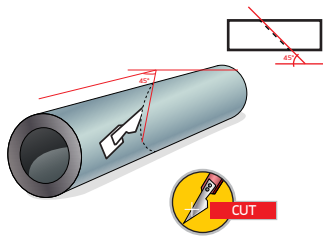




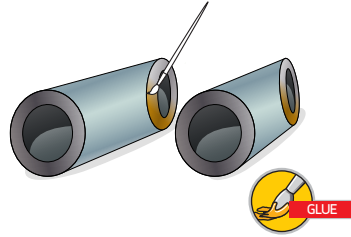
TROCELLEN PIPEPRO INSTALLATION PROCESS

INSULATING RIGHT-ANGLED JOINTS

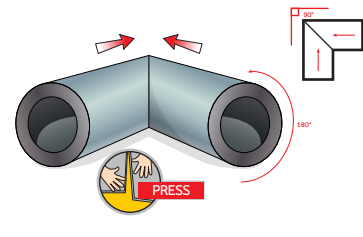
● PE foam ● Aluminium foil ● Adhesive



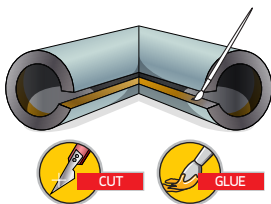
1 Cut the **Trocellen PipePro** crossways at 45° (preferably using a guide)



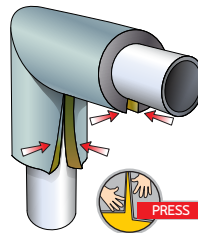
2 Spread glue evenly on the surfaces that would be bonded together



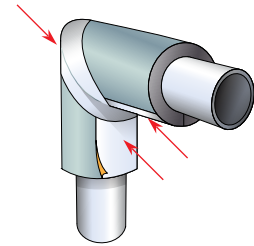
3 Wait for the glue to tack dry. Rotate one of the sections to form a right angle & press firmly to ensure perfect bonding



4 Make a cut lengthways along the inside of the section. Spread glue evenly on the two cut edges

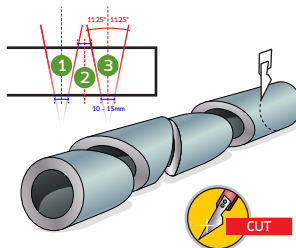


5 Wait until glue is tack dry and insulate the elbow joint with the sleeve. Join the two edges, pressing them together to ensure perfect bonding

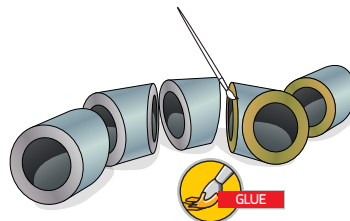


6 Seal the joints using **Trocellen DuraSeal** tape

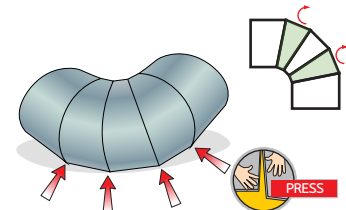
INSULATING CURVED JOINTS



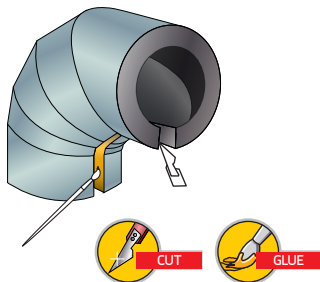
1 Cut the **Trocellen PipePro** into 5 segments, with the 3 of them at 22.5° angle each (preferably using a guide)



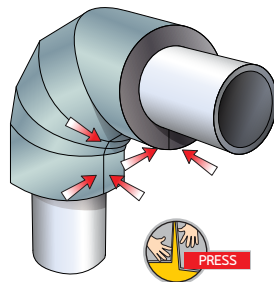
2 With the segments cut, spread glue evenly on all the foam surfaces between each segments



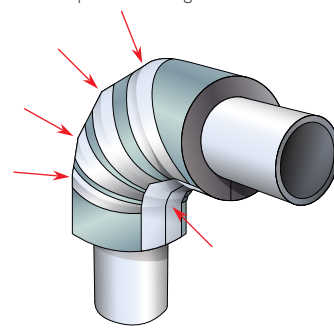
3 Wait for the glue to tack dry. Alternating between segments, turn 180° from their original rotation. Position the parts & press firmly to ensure perfect bonding



4 Make a cut lengthways along the inside of the section. Spread glue evenly on the two cut edges



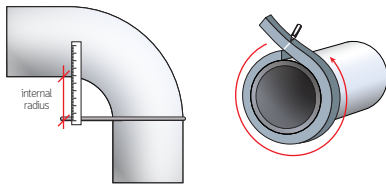
5 Wait for the glue to tack dry and insulate the elbow joint with the sleeve & join the two edges together by pressing firmly



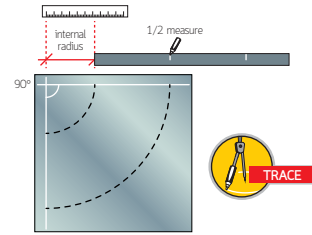
6 Seal the joints using **Trocellen DuraSeal** tape

OTHER WAY TO FIT CURVED SECTIONS

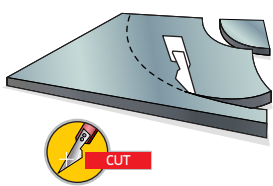
● PE foam ● Aluminium foil ● Adhesive



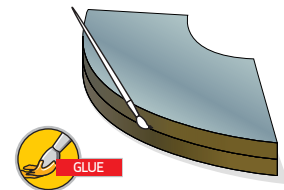
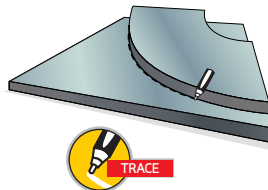
1 Measure the internal radius of the curve. Then using a strip of **Trocen PE insulation** foam of known thickness, measure the circumference of the pipe (the strip must be placed without pulling round the pipe to be insulated)



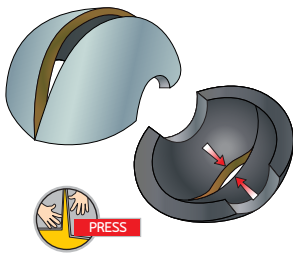
2 Mark two arcs on a **Trocenen PE insulation** sheet, the smaller given by the measurement of the internal radius, and the larger given by the measurement of half the circumference of the foam strip



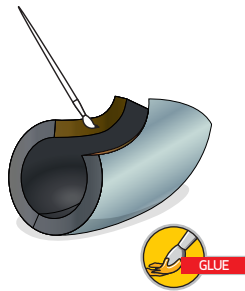
3 Cut along the marked lines to make the first shape that will serve as a "die" for the second section.



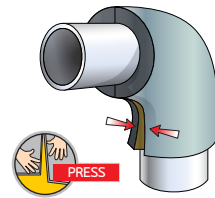
4 Lay one section flat on top of the other and spread glue on the longest edge of both sections



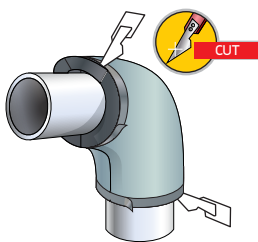
5 Wait for the glue to tack dry & join the two edges. Position & align the edges from both sides & press firmly to ensure perfect bonding



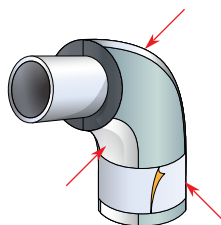
6 Spread glue evenly on the two inner curved edges



7 Wait for the glue to tack dry and insulate the elbow joint with the sleeve & join the two edges together by pressing firmly



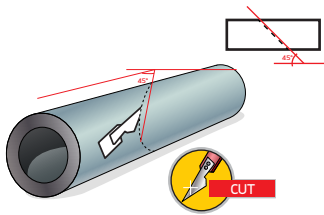
8 Using metal tape as a guide, cut the exposed ends to be at a right angle to the pipe to fit with connecting sleeves



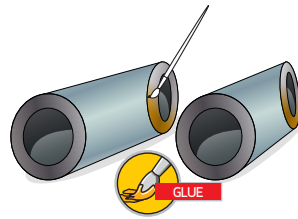
9 Seal the joints using **Trocenen DuraSeal** tape

INSULATING "T" JOINTS

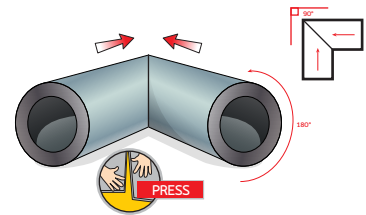
● PE foam ● Aluminium foil ● Adhesive



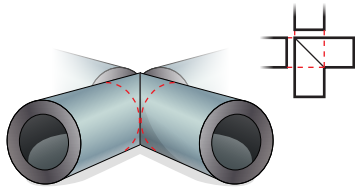
1 Cut the Trocellen PipePro crossways at 45° (preferably using a guide)



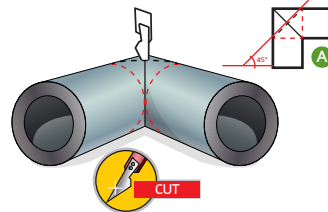
2 Spread glue evenly on the surfaces that would be bonded together



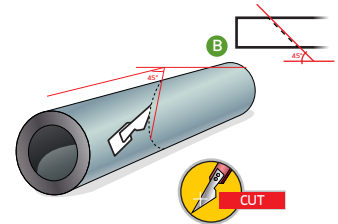
3 Wait for the glue to tack dry. Rotate one of the sections to form a right angle & press firmly to ensure perfect bonding



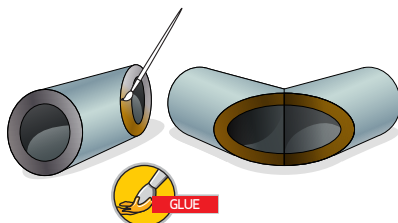
4 Mark the outer corner of the fabricated right-angled section with another Trocellen PipePro with the same outer diameter



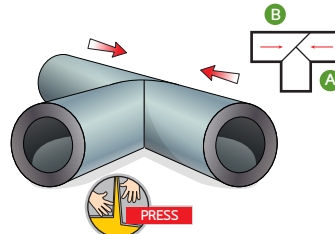
5 Using previous markings, cut the corner of the right-angled section at 45°



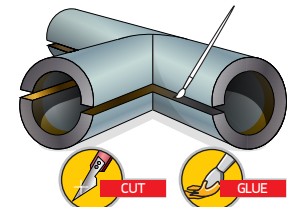
6 Cut another section of Trocellen PipePro crossways at 45°



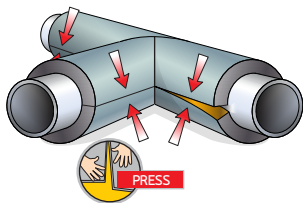
7 Spread glue on the surfaces that would be bonded together



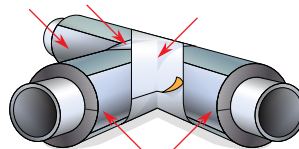
8 Wait for the glue to tack dry. Position the parts and press firmly to ensure perfect bonding



9 Cut the sleeve lengthways to allow for fittings on to the pipes. Spread glue evenly on the opening's edges



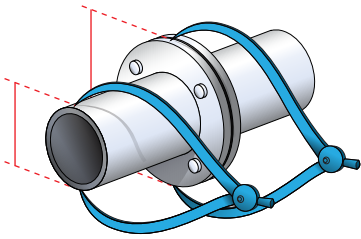
10 Wait until glue is tack dry and insulate the pipe joint with the sleeve. Join the two edges, pressing them together to ensure perfect bonding



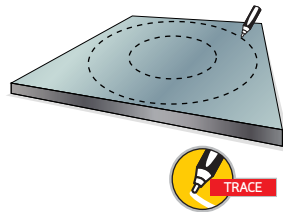
11 Seal the joints using Trocellen DuraSeal tape

INSULATING A FLANGE

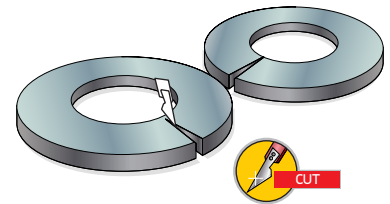
● PE foam ● Aluminium foil ● Adhesive



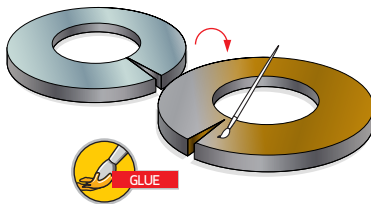
1 Measure the diameter of the bare pipes and the diameter of the flange



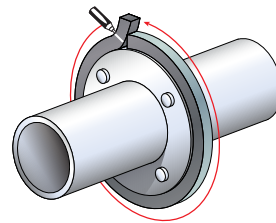
2 Using a pair of compasses, trace 2 concentric circles on a Trocellen PE insulation sheet corresponding to the radius of the flange and the pipe



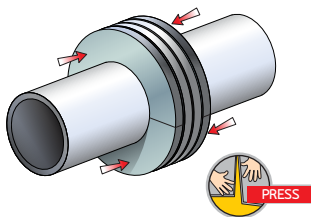
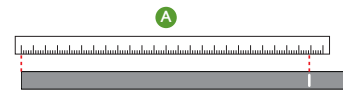
3 Trace another set and cut out both inner and outer circles, to produce 2 discs. Cut through each of the disc, creating openings to slide them into the pipes



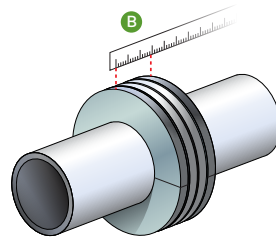
4 Apply glue on the foam side of the discs evenly, including the openings' surfaces



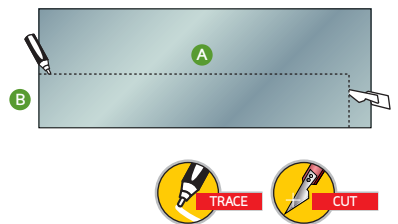
5 Using a strip of Trocellen PE insulation with the same thickness, measure the circumference of the flange



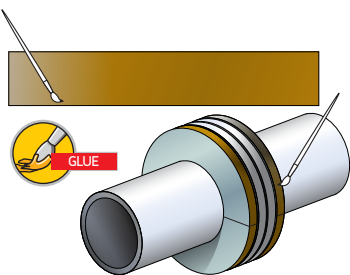
6 When the glue is tack dry, slot in the 2 discs on both ends of the flange, with the foil side facing out



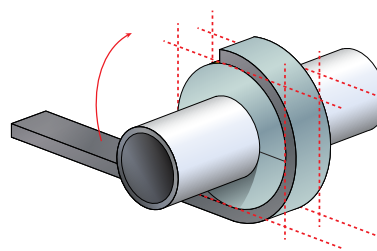
7 Measure the width of the flange including the thickness of the discs



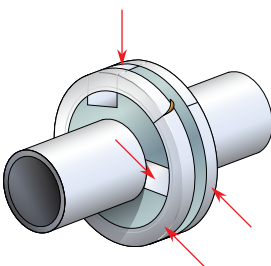
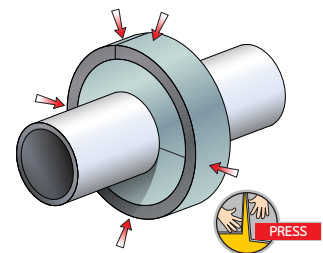
8 Trace & cut out rectangular foam sheet to wrap around the flange with the previous measurements



9 Spread glue evenly on the foam side of the rectangular foam sheet and around the edges of the discs



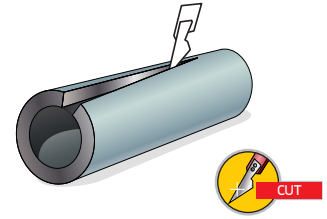
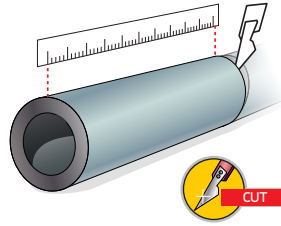
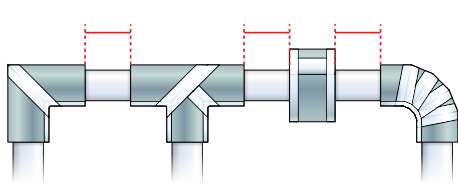
10 Wait until glue is tack dry for both sheet and fitted discs. Position & align the parts to cover the flange entirely & press firmly to ensure perfect bonding



11 Seal the joints using Trocellen DuraSeal tape

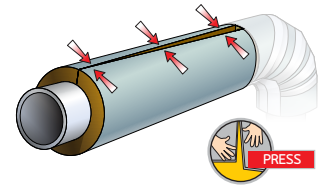
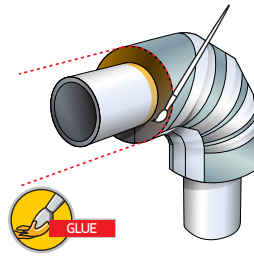
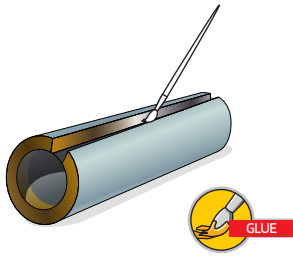
INSULATING STRAIGHT SECTIONS

● PE foam ● Aluminium foil ● Adhesive



1 Measure the length of the pipe section that needs to be insulated. Mark & cut the Trocellen PipePro according to the measurement

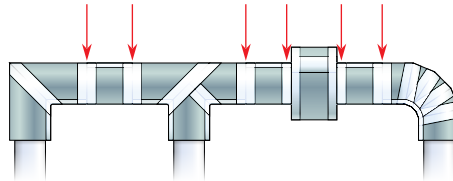
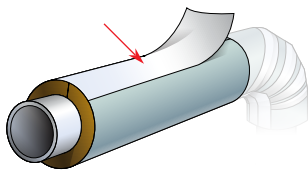
2 Make a cut lengthways to make an opening to fit the Trocellen PipePro on to the pipe



3 Spread glue evenly on the opening surfaces including the surfaces & the inner edge on both ends of the Trocellen PipePro

4 Apply glue on the ends of the insulated pipe sections that would be bond together with the straight Trocellen PipePro

5 Wait for 2-3 mins. until glue is tack dry & insulate the straight pipe section with the sleeve. Join the 2 edges together by pressing firmly to ensure perfect bonding



6 Seal the joints using Trocellen DuraSeal tape