

ProFuse Pipe Exposure Tool (PET)



RADIUS
Systems

Minimum personal
protection equipment



The PET

- The ProFuse outer coloured skin must be locally removed, when making butt-fusion, electrofusion or mechanical joints
- The PET is the only recommended tool for the safe removal of the ProFuse skin.

ProFuse skin removal

For electrofusion socket and mechanical fittings jointing

1. Identify the area where the skin is to be removed. Remove the PET's protective cap and position the PET on the pipe. Note the cut direction on the PET
2. Apply a downward force to the plunger and push the PET forward around the pipe's circumference to cut through the skin. Keeping the blade tip under the skin, reduce the downward force whilst pushing the PET forward to cut around the pipe
3. Rotate the PET through 90° and cut the skin axially as shown, towards the pipe end
4. Peel off the skin. Ensure the core pipe's surface is contamination and damage free. If the pipe surface becomes contaminated after skin removal, clean and re-prepare using the same procedure as for conventional polyethylene pipes.

For saddle and tapping tee connections

5. Use the above process to locally remove the skin around the base of the connection.

For butt-fusion jointing

Remove a circumferential strip of skin from the pipe ends to facilitate jointing and external weld bead removal.

