

PRODUCT 13 & 15 PIPE COLLAR CLAMP

Sealing off **Roperhurst Limited (www.roperhurst.com)** pipes from 650mm to 900mm diameter, with 4.5 mm wall thickness. This was tested at Efectis Holland EN1366-3 (2009) for 66 minutes

Pipe collar clamps have been designed and tested for very thin 4.5mm pipes made by Roperhurst Limited. You will see from the photos taken at Efectis of how the pipe collar clamp was mounted.

Envirograf also make products 7, 13, 13A, 16 and 110 that will give fire protection for one to four hours for pipes up to 650mm in diameter for u-PVC, steel and copper pipes and cables.



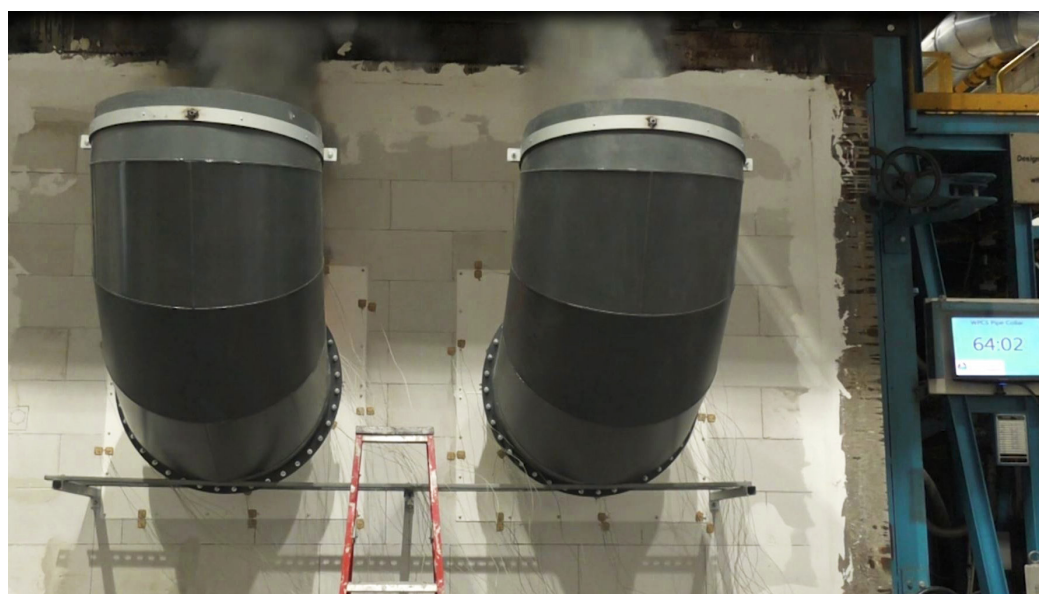
INTERNAL VIEW BEFORE THE TEST BEGINS



EXTERNAL VIEW BEFORE THE TEST BEGINS

To prove the unit would take all of the weight we fitted bends on the outside of the pipe which were fixed to flanges with nuts, bolts and washers.

Within 20 seconds of fire the clamps closed down sealing off fire and smoke.



64 MINUTES INTO THE FIRE TEST

PRODUCT 13 WPCS COLLARS



EN1363-1 (2012) test carried out on 250mm, 350mm and 450mm diameter polypropylene pipes with Envirograf WPCS Intumescent pipe collars. The test lasted for 60 minutes.



EN1366-3 (2009) test carried for EDF Energy Nuclear Generation Ltd on 510mm diameter pipe with Envirograf WPCS Intumescent pipe collar. The WPCS collar achieved 130minutes fire insulation and 136minutes of fire integrity.



EN1366-3 (2009) test carried for EDF Energy Nuclear Generation Ltd on a double contained pipe, the outside pipe 180mm diameter and the inside pipe 125mm diameter. Envirograf's Product 110 was fitted around the inner pipe and the Envirograf WPCS collar was fitted around the outside of the pipe. The test achieved 245minutes fire insulation and integrity.