

## function

SCITEQ end closures are produced for pipes and fittings to be used for internal hydrostatic pressure testing. The end closures seal of the sample in order to generate internal pressure in the sample.

## highlights

easy mounting

time saving

all dimensions

high quality material

unique design

perfect sealing

## features

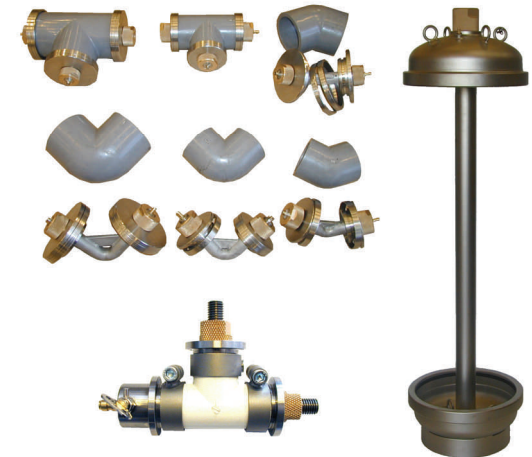
The SCITEQ end closures are produced in stainless steel and aluminium bronze in various designs. This combination of material has been selected for corrosion resistance, durability and weight. Aluminium bronze is used for the construction of large ship propeller screws, it has five times the strength of ordinary aluminium. End closures without a tie bar and with a tie bar are produced for pipes and fittings in PE, PEX, PVC, PP, ABS etc.



We wish to give our partners the tools to produce to the highest standard, while helping them to produce as cost-effectively as possible with Q.C. tools throughout the factory.

## construction

End closures are produced with a specific depth from O-ring to the internal bottom which ensures that even on chamfered and oval PE-pipes, the end closure is tight while pressurising. The pressure station is started while the airing-out screw is open. When the sample is completely aired out, the test can be started. O-rings are produced from EDPM as for our other end closures. It is a unique system that can be used for both PVC, PP and PE pipes up to 100 bar. The top end closure is delivered with a 1/8" male connection and supplied with key operated bleed valves. Other connections and bleed valves can be supplied on request.



## associated equipment

essential equipment

pressure stations

burst stations

thermo tanks

hoses

pc-sciteq software

end closure mounting

laboratory saw

## Large dimension end closures i.e. Ø 1600 mm PE test

Both ends of the tube are milled in an angle of between 10 and 15 degrees. The end-cap (the cap without the airing-out and filling-in fittings) are placed on a level surface. The sealing ring and the milled piece on the tube are lubricated with grease. The result of this is that the useful life of the sealing ring are prolonged and that the mounting will be eased. The sample tube is now pressed into the end-cap until it touches the terminal surface. The side-caps are then mounted and clamped. A new developed grid system, where the individual side cap parts are held at place while mounting, secures an extremely precise and quick easy mounting. When tightening a system with only two bolts on each end allows the fastest mounting of any end closure on the market.



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**SCITEQ — A Brand of Quality**