

function

SCITEQ end closures are produced for pipes to be used for internal hydrostatic pressure testing. The end closures seal of the sample in order to generate internal pressure in the sample. The end closures comply with ISO 1167, ASTM D 1598, ASTM D 1599 or equivalent.

highlights

easy mounting

perfect sealing

dimensions up to Ø280mm

high quality materials

unique design

features

The SCITEQ end closures model 1520 are produced in stainless steel. Stainless steel has been selected for corrosion resistance, durability and weight.

End closures without a tie-bar are produced for pipes in PE, PVC and PP.

The end closures are constructed with easy mounting in mind. Only two bolts are needed to securely fix the grid system (side clamps) on the pipe sample.



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 the 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 bleed valve (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.

The end closure system is a unique system that can be used for PVC, PP and PE pipes. The top end closure is supplied with a male connection and fitted with a screw operated bleed valve. Other connections and bleed valves can be supplied on request. Further, a lifting hook or lifting eye is mounted on the end closures for handling and manoeuvring/positioning in the test thermo tank.

Max. test pressure depends on standard, specifications and pipe sample diameter.



associated equipment

▲ essential equipment

pressure stations

burst stations

thermo tanks

hoses

sample hanging system

pc-sciteq software

end closure mounting

laboratory saw

SCITEQ — A Brand of Quality

technical specifications

Diameter range	Ø12mm and up to Ø280mm
Material	Stainless steel
Connection	1/8" or 1/4" male connection and supplied with key operated bleed valve
Handling	Lifting eyes standard on all products
Pipe sample material	Suitable for PE, PVC, PP pipes
max. test pressure	Up to 100 bar (depending on standard, specifications and pipe sample diameter)
Spare parts	Refurbishment possible
Standards	ISO 9080, ISO 1167, ASTM D 1598, ASTM D 1599 and equivalent.
Pipe sample preparation	Chamfer angle 15°. Removed wall thickness max. 15 mm
Test temperature	20-95° Celsius



end closures on sample hanging system for organising pipe samples. Connected to a thermo tank with a stainless steel hose.



high pressure hoses (accessories)



one set of end closures consisting of a top and a bottom

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