
PRODUCT SPECIFICATION – VULCATHENE SYSTEM

Product: Vulcathene Laboratory Chemical Drainage

Application: Laboratory Chemical Drainage

Manufacturer: Durapipe, Hyssop Close, Swaffield Park, Hawks Green, Cannock, Staffordshire, WS11 7FU. Tel: +44 (0) 1543 471680; Email: enquiries@durapipe.co.uk; www.durapipe.co.uk

Material: Co-polymer polypropylene with 3% carbon black UV stabiliser

Standards: System shall conform to requirements of BBA approval 92/2805

Nominal Sizes: 38mm, 51mm, 76mm, 102mm, 152mm

Colour: Black

Jointing:

Mechanical – the Mechanical system incorporates an olive located in a groove cut into the outer wall of the pipe by means of a Vulcathene grooving tool. This method of jointing is often specified for use under work-benches where its demountability offers ease of maintenance.

Enfusion – the Enfusion fitting sockets are moulded with an integral resistance wire in place. Jointing is completed by energising the resistance wire via the Enfusion (Electrofusion) Control Unit. The system provides a permanent electrofusion welded joint, ideal for use in ceiling voids, vertical stacks and underground pipework.

Pipe: All pipe to carry 4 x violet stripes according to BS 1710 (Basic Identification Colours and Colour Code Indication), identifying the pipe as potentially carrying acid and other chemical waste.

Pipe Support – Vulcathene pipe clips should be fixed at the following recommended centres:

Nominal Size	38mm	51mm	76mm	102mm	152mm
Fixing Centre	1.22m	1.37m	1.52m	1.83m	1.83m

Accessories:

Traps – All traps should be of the anti-siphon type. The anti-siphon trap with a borosilicate glass based should be used when particularly strong chemical solutions are to be conveyed.

Fire Protection - Vulcathene pipes which pass through fire rated walls and floors should be fire protected with Unicollar intumescent fire protection collars.

Thermal Expansion – To overcome the problem of expansion and contraction of pipework brought about by changing temperatures, Vulcathene Thermal Stress Relief Units (SRU) can be installed.

System Testing – The system should be inspected for leaks in accordance with BS EN 12056.