

Multilayer Pipe Testing & Certification in Singapore

Singapore Test Lab (STL) provides accredited multilayer pipes and fittings testing and certification services for manufacturers, suppliers and importers supplying potable water products in Singapore.

Multilayer pipes and fittings offer advantages including lightweight construction, corrosion resistance, flexibility and ease of installation. These benefits can improve installation productivity, simplify on-site handling and help reduce labour requirements.



For products intended for use in Singapore, demonstrating compliance with applicable PUB potable water fitting requirements is essential.

PUB's requirement reference the BS EN ISO 21003 series, SS 375, AS/NZS 4020, SS 270 for multilayer piping systems among others.



STL can support testing of multilayer pipes, associated fittings and joints, including dimensional verification, pressure strength, thermal durability, weld-line strength, delamination resistance, oxygen permeability, physical and chemical properties, joint performance, thermal cycling, pressure cycling and vacuum leak-tightness.

For concealed plastic pipe installations, PUB's requirement relating to leak detection should also be considered.

With experience in water pipe, plumbing product and water fitting testing, STL works closely with manufacturers and suppliers to understand product requirements, establish appropriate test programmes and provide technical support throughout the testing process.



Whether intending to bring in new multilayer pipes and fittings into the Singapore market or qualifying for potable water purposes, STL provides a practical testing route to support PUB compliance and product acceptance.

Contact Singapore Test Lab for multilayer pipe testing and certification requirements in Singapore.