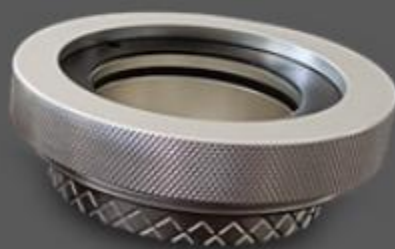


STL-025



STL-010

Permeability Cup

The permeability cup is designed according to GB/T 17146, ISO 7783-2018 and ASTM D 1653. It is a shallow cylinder with a threaded flange, a flat protective washer and a threaded ring cover. Seal the sample tightly between the cup and the ring cover with rubber gasket. The cup and lid are grooved for easy hand-holding.

Technical Specification

Type	Exposed area	Measure	Net Weight
STL-010	10 cm ²	6.3×2.5cm (2.5×1in)	76g (2.7oz)
STL-025	25 cm ²	8.1×2.5cm (3.25×1in)	129g (4.6oz)

The permeability of paint to water vapor is to suspend the paint film of the material at the opening of the shallow cup. Then, in a controlled environment, a desiccant is used to extract or inject water vapor into the cup. In a specific period of time, the passage rate of water vapor to the paint film is measured by reducing or increasing the weight of the contents in the cup. The permeability of paint film to other substrates in gaseous state can be determined by the same method.



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