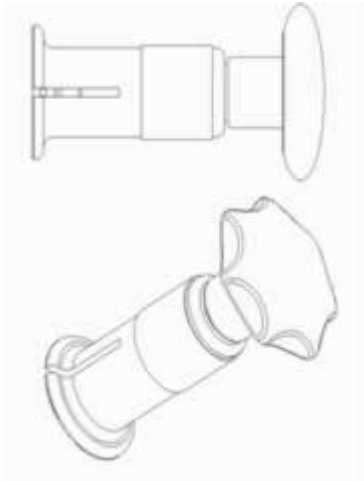




elcometer® 109 Tensile Adhesion Tester

Conforms to ASTM D451 and BS EN 24624



There are several adhesion tests but most provide a measurement of the coating adhesion rather than a test of adhesion against a predetermined limit. The Elcometer 109 provides the operator with a means of carrying out an unambiguous pass/fail test of the adhesion of the coating against a specification limit.

The Elcometer 109 has been developed for testing coatings using colour coded tensile dollies which break at a predetermined force of 5MPa, 7MPa or 9MPa. If the tensile dolly breaks then the coating adhesion is acceptable. A piece of the tensile dolly will remain adhered to the surface and the colour band indicates the force the coating has withstood. If the coating breaks, then the coating adhesion has failed to meet the requirements of the specification.

Specifications

Assembled Pull-off Unit Dimensions:	Height: 150mm
Kit Weight:	Width: 80mm including hand knob
Carry Case:	1.7kg including all components
	Foam fitted polypropylene case

Tensile Dollies

Value	Accuracy	Colour Code
5MPa (725psi)	5%	Red
7MPa (1015psi)	5%	Blue
9MPa (1304psi)	5%	Yellow

Features

- Non-destructive*
- Simple to use
- No calibration required
- Colour coded certified tensile dollies
- Robust and lightweight
- Minimal training of operators required
- Ring and adaptor available to allow use with the P.A.T. tester to fulfil the requirements of (Norwegian) NORSOK Standard M-501

Part Numbers

F109---- 1	5MPa Pull-Off Adhesion Test Kit
F109---- 2	7MPa Pull-Off Adhesion Test Kit
F109---- 3	9MPa Pull-Off Adhesion Test Kit

Shipping List:
109 Adhesion Tester, 25 Tensile Dollies, Adhesive, Carry Case and Instruction manual

ACCESSORIES

T10913952	5MPa Tensile Dollies (pack of 25)
T10913953	7MPa Tensile Dollies (pack of 25)
T10913954	9MPa Tensile Dollies (pack of 25)
T10913957	P.A.T. Tensile Dolly Connector
T10913958	P.A.T. Base Ring
T10912906	Araldite Epoxy Adhesive

* Non-destructive if coating is within specification and tensile dolly breaks. Only a small button remains on the surface.



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