

CERTIFICATE OF TEST

Issued by : TUV NEL Ltd
Mechanical Testing

Certificate No. : MSLQ -1

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Customer Zip-Clip Ltd, 33 Vastre Industrial Estate, Newton Powys SY16 1DZ

Project No. PPE500000 **NEL Test Mark:** MSLQ-01-05

Specimen Received Date 12 May 2005 **Date of Test:** 17 May 2005

Specimen Description: 5 off 2.5mm dia 7x7 steel galvanised wire c/w 2 off KL-100 cable locks for each wire sample.

Object of Test The object of the test was to provide a SWL with 5:1 Factor of Safety for a 2.5mm dia 7x7 steel galvanised wire.

Method of Test 5 samples of 2.5 mm dia wire were tested. The wire samples were looped at each end using a KL100 cable lock. A load 500 kg was applied to each sample using an Instron screw driven two space universal testing machine. At the customers request each sample was loaded to destruction.

Results	Sample (2.5 mm wire)	500 kg load	Destruction (kg)
	MSLQ-01	Pass	551.5 kg
	MSLQ-02	Pass	557.6 kg
	MSLQ-03	Pass	534 kg
	MSLQ-04	Pass	538 kg
	MSLQ-05	Pass	565 kg

SWL (2.5 mm wire) = 100 kg / 5:1 FOS = 500 kg

Comments The 2.5mm dia wire samples achieved load to destruction in excess of a 5:1 Factor of Safety when tested at NEL.

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