

CERTIFICATE OF TEST

Issued by : TUV NEL Ltd
Mechanical Testing and Analysis

Certificate No. : MSPK

Date of Issue : 23 August 2005



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

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

Specimen Received Date 08 August 2005 **Date of Test:** 16 August 2005

Specimen Description: 5 off 4.0mm dia 7x7 steel galvanised wire c/w one KL-200 cable lock 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 4mm dia 7x7 steel galvanised wire.

Method of Test 5 samples of 4mm dia wire were tested. The wire samples were looped at each end and thread through a KL-200 cable lock. See Product Identification. A load of 1150 kg was applied to each sample using a 200 kN capacity hydraulic test machine. At the customers request each sample was loaded to destruction.

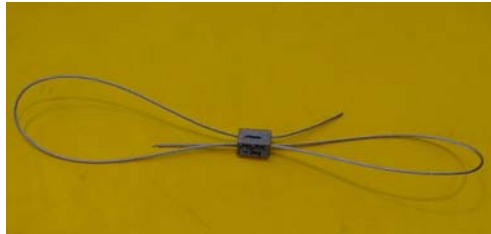
Results

Sample (4.0mm wire)	1150 kg load	Destruction (kg)
MSPK-01	Pass	1470.40 kg
MSPK-02	Pass	1568.29 kg
MSPK-03	Pass	1474.48 kg
MSPK-04	Pass	1240.97 kg
MSPK-05	Pass	1755.92 kg

SWL (4.0 mm wire) = 230 kg / 5:1 FOS = 1150 kg

Comments The 4.0mm dia wire samples achieved load to destruction in excess of a 5:1 Factor of Safety when tested at NEL.

Product Identification



4.0 mm wire c/w KL-200 Cable Lock

Distribution

Zip-Clip Ltd	1 Copy
NEL	1 Copy

****End of Test Certificate****

Tested by.....