

University of Strathclyde

Materials Testing Laboratories
Department of Mechanics of Materials,
75 Montrose Street, Glasgow, Scotland, G1 1XJ.
Tel: 041-552 4400 Telex: 77472



TEST REPORT

Serial No. 1338/6/39

Requested by MEGAFORTRIS (UK) Ltd

Material Identification 2.5 m.m. CABLE SEALS

Test Specification applied ISO PAS 17712 4.4 IMPACT TESTS

Test Specimen Dimensions COMPLETE ASSEMBLIES

Test Conditions IMPACT TESTS TO 17712 4.4.1

TEST SAMPLES WITHSTOOD 5 LOAD CYCLES AT 27.12 JOULES

TEST SAMPLES FAILED AT 40.68 JOULES

IMPACT TEST SEAL CLASSIFICATION SECURITY SEAL

Additions, deviations and/or exclusions from the specification -

Witnessed by

Test Results attached Page(s)

QD5/1 issued/not issued

Additional Test Records Page(s)

This report is a statement of test results obtained from the specimen material identified above. The tests have been carried out within the requirements of the specified standard, or as modified by the exclusions or deviations listed.

Signature of Andrew Crockett

Title TEST ENGINEER

Date 30 JUNE 2005

For and on behalf of
The University of Strathclyde
Materials Testing Laboratories

Order No. MB06/2

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TEST REPORT

Serial No. 1338/6/37

Requested by MEGA FORTRIS (UK) Ltd

Material Identification 2.5 m.m. CABLE SEALS

Test Specification applied ISO PAS 17712 4.3 BENDING TEST

Test Specimen Dimensions COMPLETE ASSEMBLIES

Test Conditions BEND TESTS TO 17712 4.3.2

SEAL CABLES WITHSTOOD MORE THAN 600 180° BENDING CYCLES WITH NO FAILURES

OR VISIBLE DAMAGE

BENDING TEST SEAL CLASSIFICATION HIGH SECURITY SEAL

Additions, deviations and/or exclusions from the specification -

Witnessed by

Test Results attached Page(s) QD5/1 issued/not issued

Additional Test Records Page(s)

This report is a statement of test results obtained from the specimen material identified above. The tests have been carried out within the requirements of the specified standard, or as modified by the exclusions or deviations listed.

Signature: Andrew Lockhart Title TEST ENGINEER

Date 29 JUNE 2005

For and on behalf of
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TEST REPORT

Serial No. 1338/6/36

Requested by MEGA FORTRIS (UK) Ltd.

Material Identification 2.5 m.m. CABLE SEALS

Test Specification applied ISO PAS 17712 4.2 SHEAR TEST

Test Specimen Dimensions COMPLETE ASSEMBLIES

Test Conditions SHEAR TEST TO SEAL CABLE

SHEAR LOAD REQUIRED TO SEVER CABLE 273 Kg.f.

SHEAR TEST SEAL CLASSIFICATION SECURITY SEAL

Additions, deviations and/or exclusions from the specification -

Witnessed by

Test Results attached Page(s) QD5/1 issued/not issued

Additional Test Records Page(s)

This report is a statement of test results obtained from the specimen material identified above. The tests have been carried out within the requirements of the specified standard, or as modified by the exclusions or deviations listed.

Andrew Crockett

Title REST ENGINEER

Date 29 JUNE 2005

For and on behalf of
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TEST REPORT

Serial No. 1338/6/35

Requested by MEGA FORTRIS (UK) Ltd

Material Identification 2.5 m.m. CABLE SEALS

Test Specification applied ISO PAS 17712 4.1 TENSILE TEST

Test Specimen Dimensions AS RECEIVED COMPLETE ASSEMBLIES

Test Conditions TENSILE TESTS TO FAILURE

MAXIMUM LOADS AT FAILURE 6.18KN 7.05KN 6.83KN 7.00KN

TENSILE TEST SEAL CLASSIFICATION SECURITY SEAL

TEST MACHINE ZWICK 2061 CALIBRATED BS EN ISO 7500 CLASS 1 UKAS CALIBRATION

Additions, deviations and/or exclusions from the specification -

Witnessed by

Test Results attached Page(s)

QD5/1 issued/not issued

Additional Test Records Page(s)

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Handwritten signature of Andrew Crockett

Title TEST ENGINEER

Date 29 JUNE 2005

For and on behalf of
The University of Strathclyde
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QD6/1