



Independent Testing Laboratory
CMC Centro Misure Compatibilità S.r.l.

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Accredited by Ministry of Communications – Notified Body EMC Directive 2004/108/EC n° NB 2044

CERTIFICATE NR. CT12052501

Product identification

Description..... : WATERPROOF & DUSTPROOF CASE
Trademark..... : PLASTICA PANARO
Model and/or type reference : MAX 430
Manufacturer : Same as client
Serial Number..... : --

Client

Name : PLASTICA PANARO S.r.l.
Address : Via Gramsci, 438 – 41054 Marano sul Panaro (MO) – ITALY
..... :

A sample of the product has been tested according to the following standards:

EN 60529:1991 + A1:2000

Result

COMPLIES

Reference Documents No. .. : Test report nr. S12052501

Approved by (+ signature)..... : R. Beghetto - Laboratory Manager

Date of issue : 05.07.12

This certificate relates only to the sample product tested.



Deutsche
Akkreditierungsstelle
D-PL-11130-01-02

TEST REPORT

Revision 1

Project No.: 19-11918

Test Specimen: Shipping Unit - Plastic Case MAX430

Client: Plastica Panaro Srl
Via Gramsci 438
41054, Marano Sul Panaro (MO) / Italy

Responsible Persons: Margit Pochendorfer (Plastica Panaro Srl)
Gunnar Blunk (PAConsult GmbH)

Purpose:

By means of a laboratory simulation one shipping unit "Plastic Case MAX430" is tested to environmental strains. The tests are performed, according to the specification of the client – ATA 300 Cat. 1 [1].

Summary:

The tests were performed successfully. During the tests no visible changes could be observed.

The shipping unit was not opened. The detailed visual inspection of the specimen and the evaluation of the results are performed by the client.

Date of Delivery: July 23, 2019

Testing Period: July 30 to August 26, 2019

Pages: 11

Revision: 1

Written: Gunnar Blunk
(Project Leader)


Signature

September 10, 2019

**Reviewed /
Approved:** Torben Hintze
(Head of Laboratory)

Document number:

TesLab 169192A

Customer:

Plastica Panaro s.r.l.

Address:

**Via A. Gramsci, 438
Marano sul Panaro (MO) ITALY**

Equipment under test:

MAX430

Edition 1.38

Reference Standard

STANAG 4280 (edition 2)
DEF-STAN 81-41 Part 3 (2007)

Summary of the test performed		Result
6.1.1	Low Temperature Test (NATO Level 1).....	Comply
6.1.2	Dry Heat Test (NATO level 1)	Comply
6.1.3	Vibration Test: Sinusoidal (NATO level 1).....	Comply
6.1.4	Vertical and Horizontal impact test (NATO Level 1)	Comply
6.1.5	Vertical and Horizontal impact test (NATO level 1, after low temperature test)	Comply
6.1.6	Vertical and Horizontal impact test (NATO level 1, after dry heat test).....	Comply

Prepared by

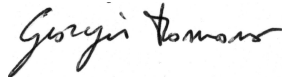
G. Naitana



signature

Approved by

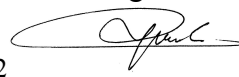
Laboratory manager: G. Romano



signature

Authorized by

General Manager: M. Rognini



2016.11.02

date

signature

This Test Report complies with ISO/IEC 17025 (2005)

This Test Report shall not be reproduced, except in full, without the written permission of TESLAB S.r.l.

The contents of this Test Report are only pertaining to the equipment delivered to the laboratory and listed hereinafter

Panaro Srl

Capitale Sociale € 104.520,00 I.V. - Registro Imprese di Modena n. 00156160368 - R.E.A.MO n.104468

C.F. 00156160368 - P.I. 00156160368 - Codice EORI IT 00156160368 - Export MO / 003846

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Via delle Scienze 313, 41058 - Vignola (MO) - IT

www.panarocases.com | info@panarocases.com

Re: MIL_STD 810G Mthd 504.1_contamination fluid_Proc. II on MAX series case

Panaro S.r.L. declares that the materials of the *MAX* and *MAXgrip series* cases have passed the contamination tests of the following fluids according to the standard "MIL STD 810 G mthd 504.1 contamination fluid_Proc. II" - Test report "T2307195A".

List of fluids used

Group	Name	Applied Temperature
#1 Fuel	NATO F-54	23°C
	NATO F-76	23°C
#2 Hydraulic oils	NATO H-5158	70°C
	NATO H-544	70°C
	NATO S-1714	70°C
#3 Lubricating oil	NATO O-1176	70°C
	NATO O-1236	70°C
#4 Solvents & Cleaning fluids	Isopropyl alcohol	50°C
	Denatured alcohol	23°C
	Trans-1-2 Dichloroethylene	23°C
#5 De-Icing and Anti freeze fluids	NATO S-750	23°C

August 28, 2023

Tech. Office

Panaro Srl
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Re: MIL_STD 810G Mthd 508.6_Fungus testing on MAX series case

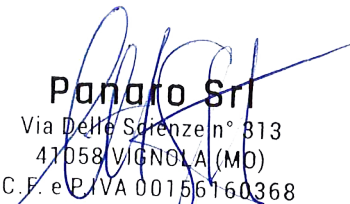
Panaro S.r.L. declares that the details below have passed the test "MIL STD 810 G Mthd 508.6_Fungus" - Test report " T2302166A "

MAX series :

1. Lid
2. Bottom
3. Gasket
4. Locks
5. Handle
6. Large Fold down Handle MAX 615-750-820
7. Valve cap
8. Pins for Handle/Locks/Lid-Bottom
9. Wheels
10. Trolley (For MAX series MAX 520-540-615-620)

April 21 , 2023

Tech. Office


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Re: MIL_STD 810G testing on MAX series case

The following are the Military Standard tests that we performed, and passed successfully:

Vibration	MIL STD 810G Method 514.6 Proc. I Cat. 4 Fig. 514.6C-1 Table 514.6C-II
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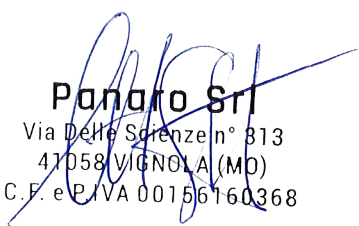
Transit Drop	MIL STD 810G Method 516.6 Proc. IV
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Test Report "2122A1504"

All testing was carried out by an ISO certified third party test laboratory. The case that had been tested was our MAX430, but the entire series would be qualify by reasons of similarity.

Test results are on file at Panaro's corporate office. If you should have a project requiring such tests or have any questions regarding the above testing, please feel free to contact us at your convenience.

March 1, 2023


Panaro Srl
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