



TEST REPORT

Testing laboratories
EVPÚ, a. s.
Trenčianska 19, 018 51 Nová Dubnica
Slovak Republic

0-0067B/21

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Name of product : Rubber insulating matting

Trade mark : -

Type : A 601 s 5,0 mm hammerblow

Derivate variants : -

Power supply, ratings : -

Applicant : Semperit Technische Produkte GmbH
Triester Bundesstrasse 26
2632 Wimpassing
Austria

Manufacturer : Semperit Technische Produkte GmbH
Triester Bundesstrasse 26
2632 Wimpassing
Austria

Place of production : Semperit Technische Produkte GmbH
Triester Bundesstrasse 26
2632 Wimpassing
Austria

Testing location : Geologická 1, 822 11 Bratislava, Slovak Republic

Contract : 0-0021/21

Regulations and standards : EN 60243-1:2013 (IEC 60243-1:2013)

Tested by : Ing. Peter Zabloudil, test technician *PZ*

Checked by : Ing. Marek Baláž, test technician *Baláž*

Approved by : Mgr. Michal Balák, Head of Testing laboratories *Balák*

Date of specimen acceptance : 17th February 2021

Date(s) of performance of tests : 26th February 2021 - 03rd March 2021

Date of test report issue : 03rd March 2021



Results of the test, stated in this report are apply to the tested item only as it was received. This report can only be reproduced on the whole, articulately only with a written permission of Testing laboratories.

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Test results:

<u>Samples:</u>	A 601
<u>Number of samples:</u>	5
<u>Identification of material:</u>	Rubber insulating matting
<u>Dimensions of samples:</u>	200 mm x 150 mm
<u>Breakdown voltages:</u>	1. 43 kV 2. 46 kV 3. 42 kV 4. 42 kV 5. 42 kV
<u>Median of breakdown voltages:</u>	42 kV

Test conditions:

Surrounding medium:	Transformer oil
Electrode system:	Unequal electrodes cl. 5.2.1.1 IEC 60243-1 2 brass cylinders, diameter 25 mm upper cylinder, 75 mm lower cylinder
Mode of the voltage:	Short-time test cl.10.1 IEC 60243-1 Rate of rise = 3,5 kV/s, 50 Hz, sinusoidal
Temperature, humidity and pressure during test in air:	24°C, 46%, 101,1 kPa
Temperature of the surrounding medium:	24°C, transformer oil
Conditioning treatment:	24 h, 24°C, 46%
Type and position of breakdown:	Electric breakdown, between electrodes

Used devices:

EQUIPMENT	TYPE	MANUFACTURER	MANUF. NUMBER
Watch	1882	Hanhart	-
kV-meter	50	Haefely	580216
Thermometer	glass	-	121/18
Length meter	3M	Johnney	121/68
Barometer	Testo 511	Testo AG	39114187/612
Hygrometer	899	Novid	982315

End of test report.