

**TEST REPORT**Testing laboratories
EVPÚ a.s.
Trenčianska 19 , 018 51 Nová Dubnica**00234B/2014**Sheet No.: 1
Sheets: 2
Enclosure: -

Name of product : **Rubber Insulating Matting**

Trade mark : -

Type : **A 601 grey-3.5 mm K17, MJ5**

Derived variants : -

Power supply, rated values : -

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

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

Contract number : **Z - 0110 /2014**

Regulations and standards : **IEC 60243-1: 2013**

Tested by : Ing. Peter Zabloudil, Test technician

Controlled by : Ing. Anton Borový, Test technician

Approved by : Ing. Dušan Novotný, Head of Testing laboratories

Date of sample acceptance : 9. 5. 2014

Date of end testing : 6. 6. 2014

Date of test report issue : 10. 6. 2014



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Place of tests: Geologická 1, 822 11 Bratislava

<u>Samples:</u>	A601 grey-3.5 mm MJ5	A601 grey-3.5 mm K17
<u>Number of samples:</u>	5	5
<u>Identification of material:</u>	Rubber Insulating Matting	Rubber Insulating Matting
<u>Dimensions of samples:</u>	200 mm x 200 mm	200 mm x 200 mm
<u>Breakdown voltages:</u>	1. 57 kV 2. 57 kV 3. 61 kV 4. 61 kV 5. 60 kV	1. 58 kV 2. 58 kV 3. 59 kV 4. 57 kV 5. 62 kV
<u>Median of breakdown voltages:</u>	60 kV	58 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, 63%, 100.7 kPa
Temperature of the surrounding medium:	24°C, transformer oil
Conditioning treatment:	24 h, 23°C, 53%
Type and position of breakdown:	Electric breakdown, between electrodes

Used devices :

EQUIPMENT	TYPE	MANUFACTURER	MANUF. NUMBER
Watch	-	Kienzley	V70195035370
kV-meter	50	Haeffely	580216
Thermometer	glass	-	121/18
Length meter	3M	Johnney	121/68
Bargraf	MGB 834	ZPA Vinohrady	800218
Hygrometer	899	Novid	982315

End of test report.