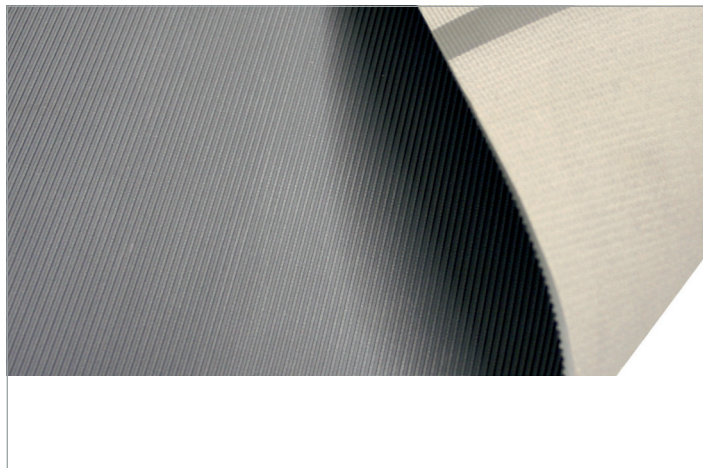


Coba-Switch VDE



- Light weight high voltage Switchboard matting
- Provides safety for operatives against Electric shocks
- Tested to 50,000 Volts
- Tested to DIN EN60243-1 (VDE0303 part 21) IEC 60243-1:1998
- Fine Fluted surface offers slip resistance benefits
- Product Height 4.5mm

Dimensions (m.)	Weight Kg	Packaging Dimensions (cm.)	Packaging Type	Packaging Volume (m.)	Packaging Quantity	Colour	Part Code
1.0m x 10m (roll)			Roll	1		Grey	SM060010
1.0m x per linear metre			Roll	1		Grey	SM060010C

Country of Origin: Dubai

Test Results

Test period 27.03.2008
 Tested at 01.04.2008 bis 04.04.2008
 Overview VDE Prüf- und Zertifizierungsinstitut
 Fachgebiet FG 41

- Paragraph 1 Description of product tested
- Paragraph 2 Testing
- Paragraph 3 Test conditions
- Paragraph 4 Evaluation of breakdown voltage and dielectric strength

1 Description of product tested

Customer provided the following mat for testing purposes:

Length 5m
 Width 1.01m
 Thickness: 5mm
 Colour: Dark grey

Continued on next page

Name: Cobra-Switch VDE

2 Testing

The customer requested following test for mat handed in:

Evaluation of breakdown voltage and dielectric strength according to DIN EN60243-1 (VDE0303 Teil 21):1998) bzw. IEC 60243-1:1998

3 Test conditions

Sample conditioned for 48h to room temperature

Tests: 10

Temperature in test room 22,5°C

Atmospheric pressure 1013 hPa

Humidity in test room 31%

Insulating material Transformer oil Shell Diala D

Oil temperature 22,5°C

Electrode arrangement P 25/25

Electrode distance See material thickness

Voltage increase 2kV / s

Frequency 50Hz

4 Evaluation of...

Results

Probe = Test

Durchschlagsspannung in kV eff = Breakdown Voltage in kV eff

Dicke der Probe = Thickness of sample

Durchschlagfestigkeit in kV/mm = Dielectric strength in kV/mm

Medianwert = Median

Hinweis = Note

The surfaces of the samples were abraded on both sides.

Chemical Data

Major components: Natural Rubber (NR), Styrene-Butadiene Rubber (SBR) , White Carbon black

Minor components: Zinc Oxide , Sulfur, Accelerators / Activators (< 1 %), Antioxidant / Stabilizers (< 1 %)

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