ELECTRICAL INSULATING MATTING

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Electrical insulating matting in general
Electrical insulating matting are made of rubber compounds by rotocure technology. Rubber, due to its properties of resistivity, is used in many applications through industry to insulate and protect. Rubber is a natural dielectric material and will therefore inhibit the flow of electric current.

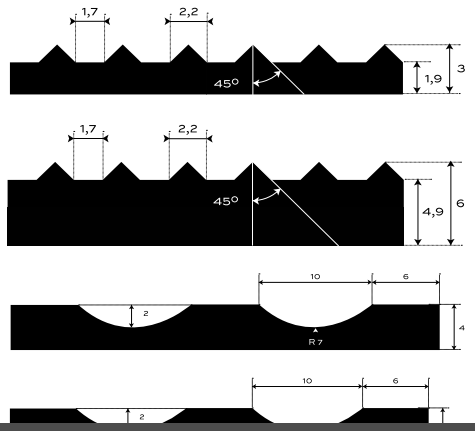
Key features
Can withstand 10kV – 50kV
Suitable for both AC, DC installation
Hard wearing, non-slip, can be easily clean
Packed in 10m rolls as well as custom cuts
Conformity with IEC 61111:2009
Durable vulcanized marking tape along the entire length of the mat according to IEC 61111:2009

Applications
Prevention of electric shock risk around high voltage electrical equipment, such as fuse boxes,
control panels, switchgear and heavy machinery.

AVAILABLE COLORS

AVAILABLE PROFILES

EIP - smooth profile, Pattern S7, Pattern S7 6mm, Pattern S1, Pattern S1 5mm, Pattern S7 4,5mm



AVAILABLE CLASSES

CLASS 0
Working voltage: 1 000 V
Proof voltage: 5 000 V
Withstand voltage: 10 000 V

CLASS 1
Working voltage: 7 500 V
Proof voltage: 10 000 V
Withstand voltage: 20 000 V

CLASS 2
Working voltage: 17 000 V
Proof voltage: 20 000 V
Withstand voltage: 30 000 V

CLASS 3
Working voltage: 26 500 V
Proof voltage: 30 000 V
Withstand voltage: 40 000 V

CLASS 4
Working voltage: 36 000 V
Proof voltage: 40 000 V
Withstand voltage: 50 000 V

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DEK3-S7-IR 4
DEK1-S7-IR 5
DEK0-H1-1 6
DEK0-S7-1 7
DEK0-S7-26 8
DEK2-S7-1 9
DEK3-H0-1 10
DEK3-H1-1 11
DEK3-S1-2 12
DEK4-H0-1 13
DEK4-H1-1 14
DEK4-S7-1 15
DEK2-S7-IR 16
DEK0-S7-IR 17

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DEK3-S7-IR

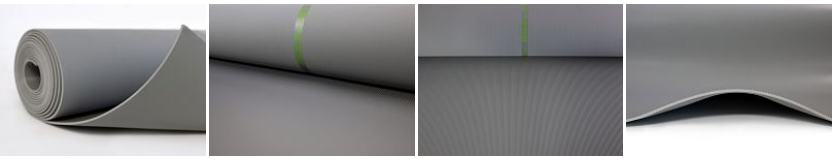
ELECTRICAL INSULATING MATTING CLASS 3 FINE RIBBED

[redacted]

INTERIOR ENVIRONMENT	65 +/- 5 Sh A HARDNESS	3.5 mm THICKNESS	5 kg/m² BASIS WEIGHT

[redacted]

Bottom side - cloth impression



ADDITIONAL INFORMATION

As standard, we supply rolls 1 or 1,2 m wide and 10 m long. However, we can also provide custom custs: 0.6x0.6 m; 0.6x1m; 1x1m; 1.2x1m or others.

RESISTANCE ACCORDING TO IEC 61111:2009

Mechanical puncture resistance	YES
Test for slip resistance	YES
Dielectric tests according given class	YES
Ageing tests	YES
Low temperature folding test	YES
Flame retardance test	YES
Oil resistance	YES
Acid resistance	YES

Electrical insulating matting certified according to IEC 61111:2009 in class 3, with an operating voltage of 26,500 V, a test voltage of 30,000 V and a withstanding voltage of 40,000 V, with permanently vulcanized marking tape. Vulcanized elastomer fine grooved is available in gray color, 3.5 mm thick (+0.6/-0.2mm) with basic weight 5 kg/m².

CONFIGURATION OPTIONS

THICKNESS

3.5 mm	(+ 0,6 /- 0,2 mm)

WIDTH

1000 mm	(+/- 10 mm)
1200 mm	(+/- 10 mm)

LENGTH

10 m	(+/- 200 mm)

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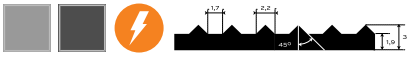
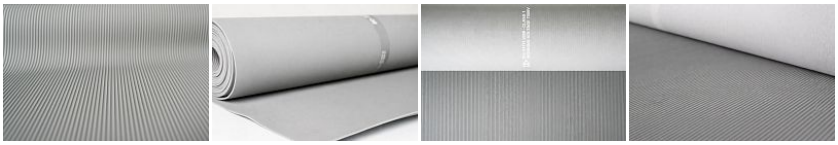
DEK1-S7-IR

ELECTRICAL INSULATING MATTING CLASS 1 FINE RIBBED - S7



INTERIOR ENVIRONMENT	65 +/- 5 Sh A HARDNESS	3.2 mm THICKNESS	3.6 kg/m² BASIS WEIGHT

Bottom side - cloth impression



Electrical insulating matting certified according to IEC 61111:2009 in class 1, with an operating voltage of 7,500 V, a test voltage of 10,000 V and a withstanding voltage of 20,000 V, with permanently vulcanized marking tape. Vulcanized elastomer fine grooved is available in gray or dark gray color, 3 mm thick (+ 0.4/- 0.2mm) with average weight 3.6 kg/m².

CONFIGURATION OPTIONS

THICKNESS

3.2 mm	(+ 0,4 /- 0,2 mm)

WIDTH

1200 mm	(+/- 10 mm)
1000 mm	(+/- 10 mm)

LENGTH

10 m	(+/- 200 mm)

ADDITIONAL INFORMATION

As standard, we supply rolls 1 or 1,2 m wide and 10 m long. However, we can also provide custom custs: 0,6x0,6 m; 0,6x1m; 1x1m; 1,2x1m or others.

RESISTANCE ACCORDING TO IEC 61111:2009

Mechanical puncture resistance	YES
Test for slip resistance	YES
Dielectric tests according given class	YES
Ageing tests	YES
Low temperature folding test	YES
Flame retardance test	YES
Oil resistance	YES
Acid resistance	YES

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DEKO-H1-1

ELECTRICAL INSULATING MATTING CLASS 0 SMOOTH - H1

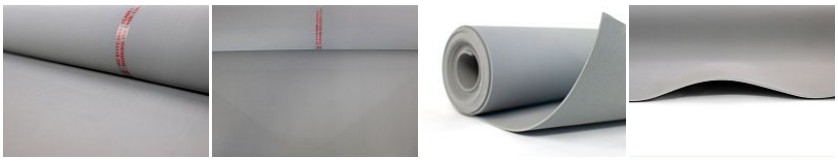
[redacted]

INTERIOR	65 +/- 5 Sh A	2.4 mm	3.8 kg/m²
ENVIRONMENT	HARDNESS	THICKNESS	BASIS WEIGHT

Top side - cloth impression

[redacted]

Bottom side - cloth impression



Electrical insulating matting certified according to IEC 61111:2009 in class 0, with an operating voltage of 1,000 V, a test voltage of 5,000 V and a withstanding voltage of 10,000 V, with permanently vulcanized marking tape. Vulcanized elastomer with cloth impression on both sides is available in grey color, 2.4 mm thick (+/- 0.3mm) with basic weight 3.8 kg/m².

CONFIGURATION OPTIONS

THICKNESS

2.4 mm	(+/- 0,3 mm)

WIDTH

1000 mm	(+/- 10 mm)
1200 mm	(+/- 10 mm)

LENGTH

10 m	(+/- 200 mm)

ADDITIONAL INFORMATION

As standard, we supply rolls 1 or 1,2 m wide and 10 m long. However, we can also provide custom custs: 0,6x0,6 m; 0,6x1m; 1x1m; 1,2x1m or others.

RESISTANCE ACCORDING TO IEC 61111:2009

Mechanical puncture resistance	YES
Test for slip resistance	YES
Dielectric tests according given class	YES
Ageing tests	YES
Low temperature folding test	YES
Flame retardance test	YES
Oil resistance	YES
Acid resistance	YES

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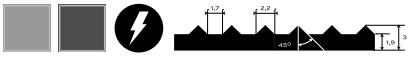
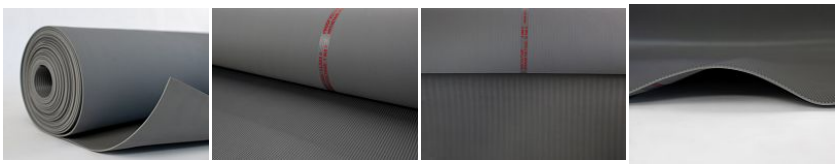
DEKO-S7-1

ELECTRICAL INSULATING MATTING CLASS 0 FINE RIBBED - S7



INTERIOR	65 +/- 5 Sh A	3 mm	3.4 kg/m²
ENVIRONMENT	HARDNESS	THICKNESS	BASIS WEIGHT

Bottom side - cloth impression



ADDITIONAL INFORMATION

As standard, we supply rolls 1 or 1,2 m wide and 10 m long. However, we can also provide custom custs: 0,6x0,6 m; 0,6x1m; 1x1m; 1,2x1m or others.

RESISTANCE ACCORDING TO IEC 61111:2009

Mechanical puncture resistance	YES
Test for slip resistance	YES
Dielectric tests according given class	YES
Ageing tests	YES
Low temperature folding test	YES
Flame retardance test	YES
Oil resistance	YES
Acid resistance	YES

Electrical insulating matting certified according to IEC 61111:2009 in class 0, with an operating voltage of 1,000 V, a test voltage of 5,000 V and a withstanding voltage of 10,000 V, with permanently vulcanized marking tape. Vulcanized elastomer fine grooved is available in gray or dark gray color, 3 mm thick (+/- 0.3mm) with basic weight 3.4 kg/m².

CONFIGURATION OPTIONS

THICKNESS

3 mm	(+/- 0,3 mm)

WIDTH

1000 mm	(+/- 10 mm)
1200 mm	(+/- 10 mm)

LENGTH

10 m	(+/- 200 mm)

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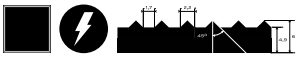
DEKO-S7-26

ELECTRICAL INSULATING MATTING CLASS 0 FINE RIBBED - S7



INTERIOR	80 +/- 5 Sh A	6 mm	8.2 kg/m²
ENVIRONMENT	HARDNESS	THICKNESS	BASIS WEIGHT

Bottom side - cloth impression

Electrical insulating matting certified according to IEC 61111:2009 in class 0, with an operating voltage of 1,000 V, a test voltage of 5,000 V and a withstanding voltage of 10,000 V, with permanently vulcanized marking tape. Vulcanized elastomer fine grooved is available in black color, 6 mm thick (+/- 0.6mm) with basic weight 8.2 kg/m².

CONFIGURATION OPTIONS

THICKNESS

6 mm	(+/- 0,6 mm)

WIDTH

1000 mm	(+/- 10 mm)
1200 mm	(+/- 10 mm)

LENGTH

10 m	(+/- 200 mm)

ADDITIONAL INFORMATION

As standard, we supply rolls 1 or 1.3 m wide and 10 m long. However, we can also provide custom custs: 0.6x0.6 m; 0.6x1m; 1x1m; 1.2x1m or others.

RESISTANCE ACCORDING TO IEC 61111:2009

Mechanical puncture resistance	YES
Test for slip resistance	YES
Dielectric tests according given class	YES
Ageing tests	YES
Low temperature folding test	YES
Flame retardance test	YES
Oil resistance	YES
Acid resistance	YES

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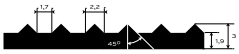
DEK2-S7-1

ELECTRICAL INSULATING MATTING CLASS 2 FINE RIBBED



INTERIOR	65 +/- 5 Sh A	3 mm	3.4 kg/m²
ENVIRONMENT	HARDNESS	THICKNESS	BASIS WEIGHT

Bottom side - cloth impression

Electrical insulating matting certified according to IEC 61111:2009 in class 2, with an operating voltage of 17 000 V, a test voltage of 20 000 V and a withstanding voltage of 30 000 V, with permanently vulcanized marking tape. Vulcanized elastomer fine grooved is available in gray, dark gray and yellow color, 3 mm thick (+/- 0.3mm) with basic weight 3,4 kg/m². This Product is suitable exlusively for interior use.

CONFIGURATION OPTIONS

THICKNESS

3 mm	(+/- 0,3 mm)

WIDTH

1000 mm	(+/- 10 mm)
1200 mm	(+/- 10 mm)

LENGTH

10 m	(+/- 200 mm)

ADDITIONAL INFORMATION

As standard, we supply rolls 1 or 1,2 m wide and 10 m long. However, we can also provide custom custs: 0,6x0,6 m; 0,6x1m; 1x1m; 1,2x1m or others.

RESISTANCE ACCORDING TO IEC 61111:2009

Mechanical puncture resistance	YES
Test for slip resistance	YES
Dielectric tests according given class	YES
Ageing tests	YES
Low temperature folding test	YES
Flame retardance test	YES
Oil resistance	YES
Acid resistance	YES

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DEK3-H0-1

ELECTRICAL INSULATING MATTING CLASS 3 SMOOTH - H0

[redacted]

INTERIOR	65 +/- 5 Sh A	3 mm	5 kg/m²
ENVIRONMENT	HARDNESS	THICKNESS	BASIS WEIGHT

Top side - smooth surface

[redacted]

Bottom side - cloth impression

Electrical insulating matting certified according to IEC 61111:2009 in class 3, with an operating voltage of 26,500 V, a test voltage of 30,000 V and a withstanding voltage of 40,000 V, with permanently vulcanized marking tape. Vulcanized elastomer smooth with cloth impression on bottom side is available in gray color, 3 mm thick (+0.5/-0.2mm) with basic weight 5 kg/m².

CONFIGURATION OPTIONS

THICKNESS

3 mm	(+ 0,5/- 0,2 mm)

WIDTH

1000 mm	(+/- 10 mm)
1200 mm	(+/- 10 mm)

LENGTH

10 m	(+/- 200 mm)

ADDITIONAL INFORMATION

As standard, we supply rolls 1 or 1,2 m wide and 10 m long. However, we can also provide custom custs: 0.6x0.6 m; 0.6x1m; 1x1m; 1.2x1m or others.

RESISTANCE ACCORDING TO IEC 61111:2009

Mechanical puncture resistance	YES
Test for slip resistance	YES
Dielectric tests according given class	YES
Ageing tests	YES
Low temperature folding test	YES
Flame retardance test	YES
Oil resistance	YES
Acid resistance	YES

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DEK3-H1-1

ELECTRICAL INSULATING MATTING CLASS 3 SMOOTH - H1

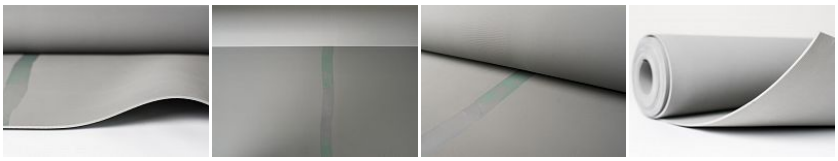
[redacted]

INTERIOR ENVIRONMENT	65 +/- 5 Sh A HARDNESS	3 mm THICKNESS	5 kg/m² BASIS WEIGHT

Top side - cloth impression

[redacted]

Bottom side - cloth impression



Electrical insulating matting certified according to IEC 61111:2009 in class 3, with an operating voltage of 26,500 V, a test voltage of 30,000 V and a withstanding voltage of 40,000 V, with permanently vulcanized marking tape. Vulcanized elastomer with cloth impression on both sides is available in gray, 3 mm thick (+0.5/-0.2mm) with basic weight 5 kg/m².

CONFIGURATION OPTIONS

THICKNESS

3 mm	(+ 0,5/- 0,2 mm)

WIDTH

1000 mm	(+/- 10 mm)
1200 mm	(+/- 10 mm)

LENGTH

10 m	(+/- 200 mm)

ADDITIONAL INFORMATION

As standard, we supply rolls 1 or 1.2 m wide and 10 m long. However, we can also provide custom custs: 0.6x0.6 m; 0.6x1m; 1x1m; 1.2x1m or others.

RESISTANCE ACCORDING TO IEC 61111:2009

Mechanical puncture resistance	YES
Test for slip resistance	YES
Dielectric tests according given class	YES
Ageing tests	YES
Low temperature folding test	YES
Flame retardance test	YES
Oil resistance	YES
Acid resistance	YES

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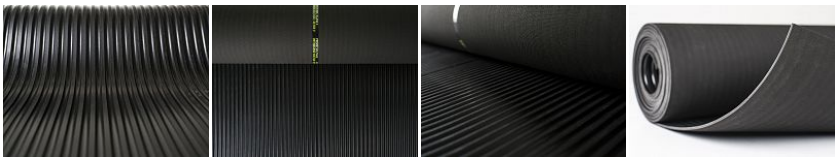
DEK3-S1-2

ELECTRICAL INSULATING MATTING CLASS 3 WIDE RIBBED / CORRUGATED - S1

INTERIOR ENVIRONMENT	80 +/- 5 Sh A HARDNESS	5 mm THICKNESS	6.5 kg/m² BASIS WEIGHT

Bottom side - cloth impression



Electrical insulating matting certified according to IEC 61111:2009 in class 3, with an operating voltage of 26,500 V, a test voltage of 30,000 V and a withstanding voltage of 40,000 V, with permanently vulcanized marking tape. Vulcanized elastomer wide grooved is available in black color, 5 mm thick (+1/-0.1mm) with basic weight 6.5 kg/m².

CONFIGURATION OPTIONS

THICKNESS

5 mm	(+ 1/- 0,1 mm)

WIDTH

1000 mm	(+/- 10 mm)
1200 mm	(+/- 10 mm)
1300 mm	(+/- 10 mm)

LENGTH

10 m	(+/- 200 mm)

ADDITIONAL INFORMATION

As standard, we supply rolls 1 or 1.2 m wide and 10 m long. However, we can also provide custom custs: 0.6x0.6 m; 0.6x1m; 1x1m; 1.2x1m or others.

RESISTANCE ACCORDING TO IEC 61111:2009

Mechanical puncture resistance	YES
Test for slip resistance	YES
Dielectric tests according given class	YES
Ageing tests	YES
Low temperature folding test	YES
Flame retardance test	YES
Oil resistance	YES
Acid resistance	YES

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DEK4-H0-1

ELECTRICAL INSULATING MATTING CLASS 4 SMOOTH - H0

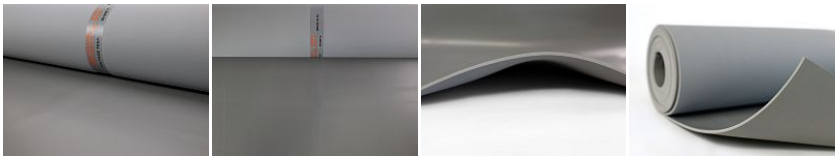
[redacted]

INTERIOR	65 +/- 5 Sh A	4 mm	6.1 kg/m²
ENVIRONMENT	HARDNESS	THICKNESS	BASIS WEIGHT

Top side - smooth surface

[redacted]

Bottom side - cloth impression



Electrical insulating matting certified according to IEC 61111:2009 in class 4, with an operating voltage of 36,000 V, a test voltage of 40,000 V and a withstanding voltage of 50,000 V, with permanently vulcanized marking tape. Vulcanized elastomer smooth with cloth impression on bottom side is available in gray color, 4 mm thick (+0.6/-0.2mm) with basic weight 6.1 kg/m².

CONFIGURATION OPTIONS

THICKNESS

4 mm	(+ 0,6/- 0,2 mm)

WIDTH

1000 mm	(+/- 10 mm)
1200 mm	(+/- 10 mm)

LENGTH

10 m	(+/- 200 mm)

ADDITIONAL INFORMATION

As standard, we supply rolls 1 or 1,2 m wide and 10 m long. However, we can also provide custom custs: 0,6x0,6 m; 0,6x1m; 1x1m; 1,2x1m or others.

RESISTANCE ACCORDING TO IEC 61111:2009

Mechanical puncture resistance	YES
Test for slip resistance	YES
Dielectric tests according given class	YES
Ageing tests	YES
Low temperature folding test	YES
Flame retardance test	YES
Oil resistance	YES
Acid resistance	YES

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DEK4-H1-1

ELECTRICAL INSUATING MATTING CLASS 4 SMOOTH - H1

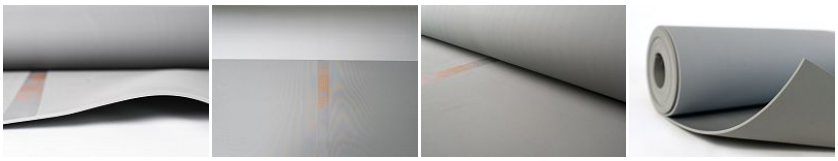
[redacted]

INTERIOR	65 +/- 5 Sh A	4 mm	6.1 kg/m²
ENVIRONMENT	HARDNESS	THICKNESS	BASIS WEIGHT

Top side - cloth impression

[redacted]

Bottom side - cloth impression



Electrical insulating matting certified according to IEC 61111:2009 in class 4, with an operating voltage of 36,000 V, a test voltage of 40,000 V and a withstanding voltage of 50,000 V, with permanently vulcanized marking tape. Vulcanized elastomer with cloth impression on both sides is available in gray color, 4 mm thick (+0.6/-0.2mm) with basic weight 6.1 kg/m².

CONFIGURATION OPTIONS

THICKNESS

4 mm	(+ 0,6/- 0,2 mm)

WIDTH

1000 mm	(+/- 10 mm)
1200 mm	(+/- 10 mm)

LENGTH

10 m	(+/- 200 mm)

ADDITIONAL INFORMATION

As standard, we supply rolls 1 or 1,2 m wide and 10 m long. However, we can also provide custom custs: 0,6x0,6 m; 0,6x1m; 1x1m; 1,2x1m or others.

RESISTANCE ACCORDING TO IEC 61111:2009

Mechanical puncture resistance	YES
Test for slip resistance	YES
Dielectric tests according given class	YES
Ageing tests	YES
Low temperature folding test	YES
Flame retardance test	YES
Oil resistance	YES
Acid resistance	YES

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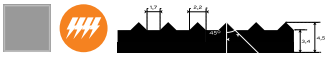
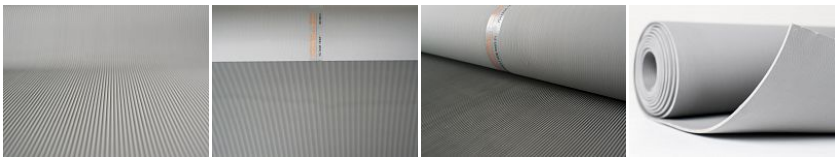
DEK4-S7-1

ELECTRICAL INSULATED MATTING CLASS 4 FINE RIBBED - S7



INTERIOR	65 +/- 5 Sh A	4.5 mm	6.1 kg/m²
ENVIRONMENT	HARDNESS	THICKNESS	BASIS WEIGHT

Bottom side - cloth impression



ADDITIONAL INFORMATION

As standard, we supply rolls 1 or 1.2 m wide and 10 m long. However, we can also provide custom custs: 0.6x0.6 m; 0.6x1m; 1x1m; 1,2x1m or others.

RESISTANCE ACCORDING TO IEC 61111:2009

Mechanical puncture resistance	YES
Test for slip resistance	YES
Dielectric tests according given class	YES
Ageing tests	YES
Low temperature folding test	YES
Flame retardance test	YES
Oil resistance	YES
Acid resistance	YES

Electrical insulating matting certified according to IEC 61111:2009 in class 4, with an operating voltage of 36,000 V, a test voltage of 40,000 V and a withstanding voltage of 50,000 V, with permanently vulcanized marking tape. Vulcanized elastomer fine grooved is available in gray color, 4.5 mm thick (+1/-0.2mm) with basic weight 6.1 kg/m².

CONFIGURATION OPTIONS

THICKNESS

4.5 mm	(+ 1/- 0,2 mm)

WIDTH

1000 mm	(+/- 10 mm)
1200 mm	(+/- 10 mm)

LENGTH

10 m	(+/- 200 mm)

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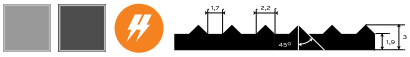
DEK2-S7-IR

ELECTRICAL INSULATING MATTING CLASS 2 FINE RIBBED



INTERIOR	65 +/- 5 Sh A	3.2 mm	3.6 kg/m²
ENVIRONMENT	HARDNESS	THICKNESS	BASIS WEIGHT

Bottom side - cloth impression

Electrical insulating matting certified according to IEC 61111:2009 in class 2, with an operating voltage of 17 000 V, a test voltage of 20 000 V and a withstanding voltage of 30 000 V, with permanently vulcanized marking tape. Vulcanized elastomer fine grooved is available in gray, dark gray and yellow color, 3.2 mm thick (+ 0.4/- 0.2mm) with average weight 3.6 kg/m². This Product is suitable exlusively for interior use.

CONFIGURATION OPTIONS

THICKNESS

3.2 mm	(+ 0,4 /- 0,2 mm)

WIDTH

1200 mm	(+/- 10 mm)
1000 mm	(+/- 10 mm)

LENGTH

10 m	(+/- 200 mm)

ADDITIONAL INFORMATION

As standard, we supply rolls 1 or 1,2 m wide and 10 m long. However, we can also provide custom custs: 0,6x0,6 m; 0,6x1m; 1x1m; 1,2x1m or others.

RESISTANCE ACCORDING TO IEC 61111:2009

Mechanical puncture resistance	YES
Test for slip resistance	YES
Dielectric tests according given class	YES
Ageing tests	YES
Low temperature folding test	YES
Flame retardance test	YES
Oil resistance	YES
Acid resistance	YES

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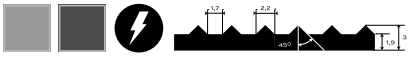
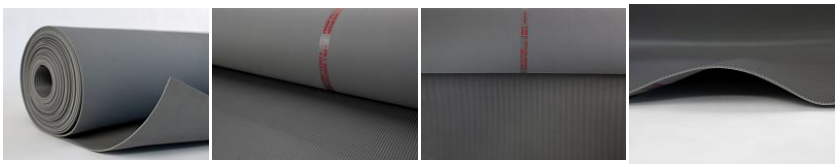
DEKo-S7-IR

ELECTRICAL INSULATING MATTING CLASS 0 FINE RIBBED - S7



INTERIOR	65 +/- 5 Sh A	3.2 mm	3.6 kg/m²
ENVIRONMENT	HARDNESS	THICKNESS	BASIS WEIGHT

Bottom side - cloth impression



ADDITIONAL INFORMATION

As standard, we supply rolls 1 or 1,2 m wide and 10 m long. However, we can also provide custom custs: 0,6x0,6 m; 0,6x1m; 1x1m; 1,2x1m or others.

RESISTANCE ACCORDING TO IEC 61111:2009

Mechanical puncture resistance	YES
Test for slip resistance	YES
Dielectric tests according given class	YES
Ageing tests	YES
Low temperature folding test	YES
Flame retardance test	YES
Oil resistance	YES
Acid resistance	YES

Electrical insulating matting certified according to IEC 61111:2009 in class 0, with an operating voltage of 1,000 V, a test voltage of 5,000 V and a withstanding voltage of 10,000 V, with permanently vulcanized marking tape. Vulcanized elastomer fine grooved is available in gray or dark gray color, 3.2 mm thick (+0.4/- 0.2mm) with basic weight 3.6 kg/m².

CONFIGURATION OPTIONS

THICKNESS

3.2 mm	(+ 0,4 /- 0,2 mm)

WIDTH

1200 mm	(+/- 10 mm)
1000 mm	(+/- 10 mm)

LENGTH

10 m	(+/- 200 mm)

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