

# Half Round Slot Closures

## ABOUT THIS PRODUCT

Slot closures are made in polyester film (class B), in Thernomid 20.04 VF (Class F), and in NMN (class H) and are designed for perfect adaption to slot openings of various sizes. Our slot closures complement both DMD and NMN slot insulations, commonly used in class F rotating machines for liners and interphase insulation. They can also be combined with our various class F or H impregnation varnishes and resins.

They are made in a wide range of shapes and can thus be used on any type of standard motors (stators and rotors).

Shapes are supplied in batches of 143 units 700 mm long or 100 units 1000mm long. Each shape can be cut without risk into smaller lengths using hand or mechanical shears.

23 Ullswater Crescent

Coulsdon

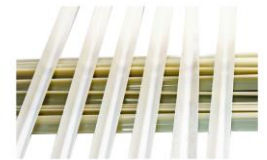
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## FEATURES AND BENEFITS

- In accordance with CEI 626
- Material registered under UL E157509
- Compatible with impregnation varnishes and resins.

## APPLICATIONS

- Electrical motors: slot insulation and slot closing phase separation
- Transformers: dry and casted for interlayers insulation
- Rotating machines
- Interphase insulation

## POLYESTER FILM

<b>Operating Class</b>	Class B
<b>Approval</b>	UL QMFZ2
<b>Thickness</b>	250 µm
<b>Weight</b>	350 g/m <sup>2</sup>
<b>Yield</b>	2.9 m <sup>2</sup> /kg
<b>Tensile Strength MD</b>	110 Mpa
<b>Elongation MD</b>	80%
<b>Breakdown voltage</b>	15.0 kV

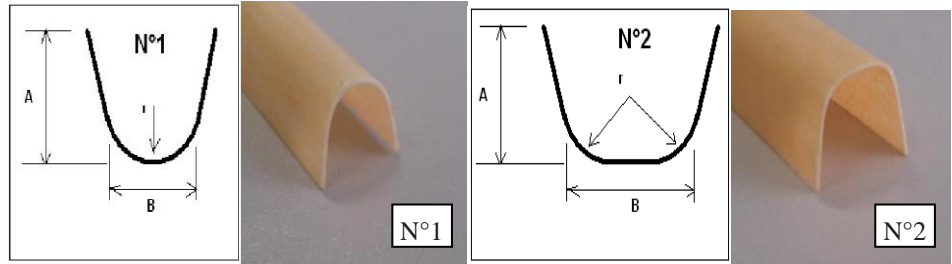
## DMD

<b>Operating Class</b>	Class F
<b>Approval</b>	E157509
<b>Thickness</b>	0.35mm
<b>Tolerance +/-1..%</b>	10
<b>Film Thickness</b>	250
<b>Weight</b>	432 g/m <sup>2</sup>
<b>Yield</b>	2.3 m <sup>2</sup> /kg
<b>Tensile Strength MD</b>	350 N/cm
<b>Elongation MD</b>	20%
<b>Tensile Strength TD</b>	300 N/cm
<b>Elongation TD</b>	50%
<b>Breakdown Voltage</b>	18 kV

# NMN

<b>Operating Class</b>	Class H
<b>Approval</b>	E157509
<b>Thickness</b>	0.37mm
<b>Tolerance</b>	10
<b>Film Thickness</b>	250 $\mu\text{m}$
<b>Weight</b>	443 g/m <sup>2</sup>
<b>Yield</b>	2.3 m <sup>2</sup> /kg
<b>Tensile Strength MD</b>	330
<b>Elongation MD</b>	20%
<b>Peak Breakdown Voltage</b>	23 kV

Length tolerance is +/-1mm. General tolerances of A, B, r, are +/-25%.



DIMENSION (mm) Ratings neutral fiber)				
REF	A	B	R	No PROFILE
R6	2.2	1.9	1.1	1
R8	2.9	2.6	1.5	1
R10	3.7	3.2	1.8	1
R12	4.3	3.2	2.3	1
R14	4.9	4.7	3	1
R15	5.3	4.9	3.1	1
R16	5.7	5.6	3.8	1
R18	6.4	6.4	3.7	1
R21	7.4	7.6	5.2	1
R24	8.6	8.5	5.3	1
R25	9.1	8	4.6	1
R28	9.1	13.2	4	2

REF.	PRODUCT-THICKNESS ( $\mu$ )						
	POLYESTER FILM		DMD			NMN	
R6	250	-	-	350	-	-	-
R8	250	350	300	350	-	370	-
R10	250	350	300	350	450	370	470
R12	250	350	300	350	450	370	470
R15	250	350	300	350	450	370	470
R16	250	350	300	350	450	370	470
R18	250	350	300	350	450	370	470
R21	250	350	300	350	450	370	470
R24	250	350	300	350	450	370	470
R25	250	350	300	350	450	370	470
R28	250	350	300	350	450	370	470