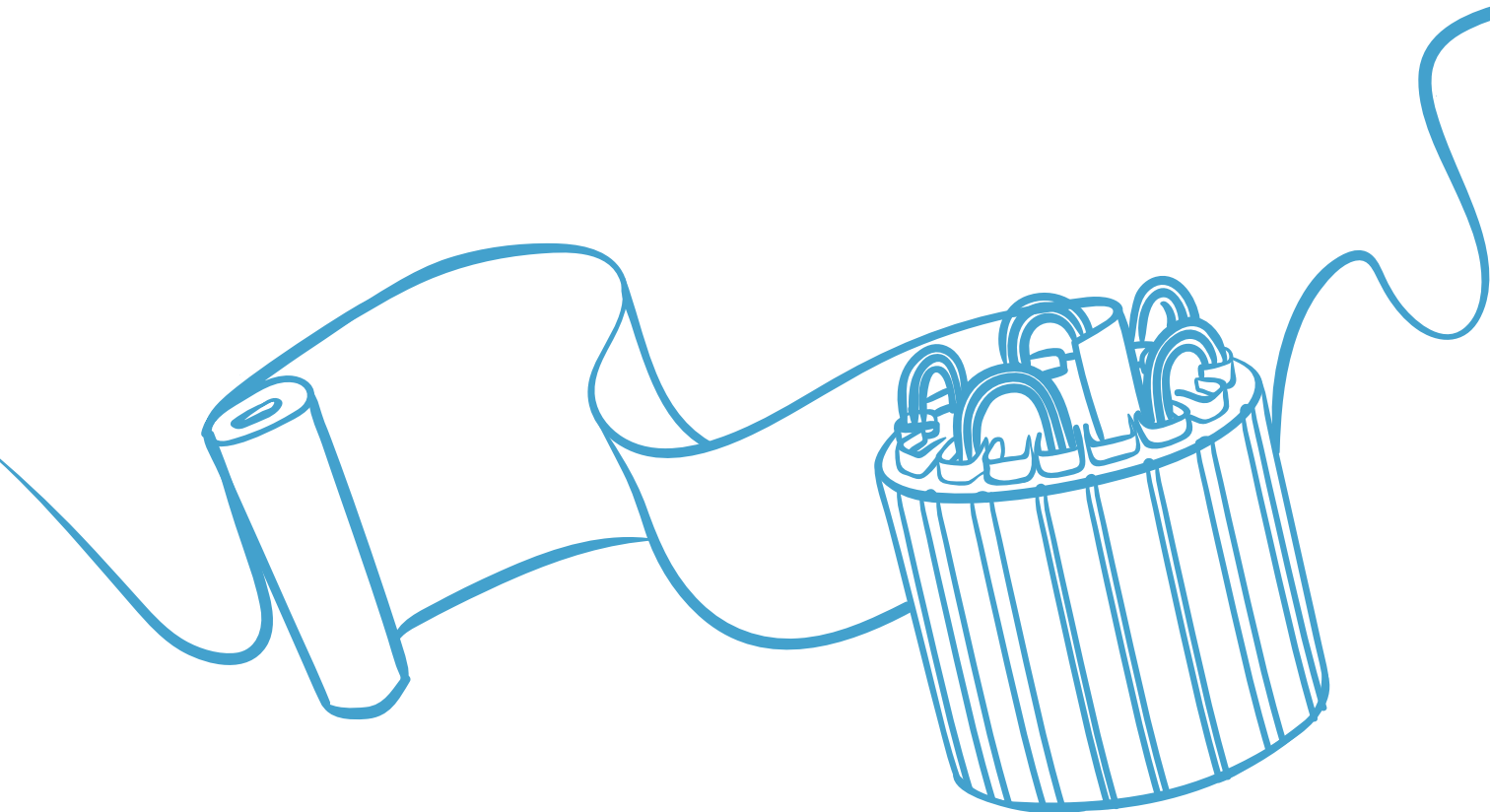


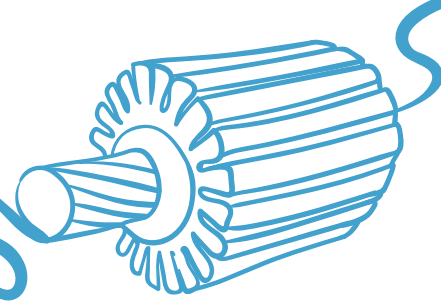
# COVEME **ELECTRICAL INSULATION**

2022



**COVEME**

THE VALUE OF INNOVATION



# COVEME - GLOBAL LEADER IN HIGH QUALITY INSULATION MATERIAL FOR:

Coveme has been in the insulation material business for over 60 years and is an official partner of DuPont Nomex® and Kapton® since the early 1970s.

Today the company has two manufacturing sites in Italy and China featuring 14 leading edge production lines with an in-house lamination capacity of 3,3 million linear metres per month and fully automated slitting departments. Three high-tech proprietary R&D labs in Italy, China and Germany, are at complete disposal of the clients' needs for the development of tailored products and focus on products that guarantee our customers higher productivity, maximum reliability and the best cost efficiency.

Coveme's insulation materials are designed to meet the insulation requirements of electrical machines (rotating and static) that require maximum performance in small spaces and at high temperatures. They are used for the manufacturing of electric motors, generators and various types of transformers (dry, cast resin or oil) with final applications in wind turbines, automotive and railway, power stations, home appliances and industrial automation.

The range of products - designed in accordance with IEC 60626 standards - includes plain materials (DyFilm®, Nomex® and Kapton®), laminates (DyTerm® and DyFlex®), prepreg and diamond dot products (DyBond®).

Coveme is DuPont qualified distributor and laminator, and our insulating materials are certified by UL Underwriters Laboratories and approved by all major certification bodies worldwide.

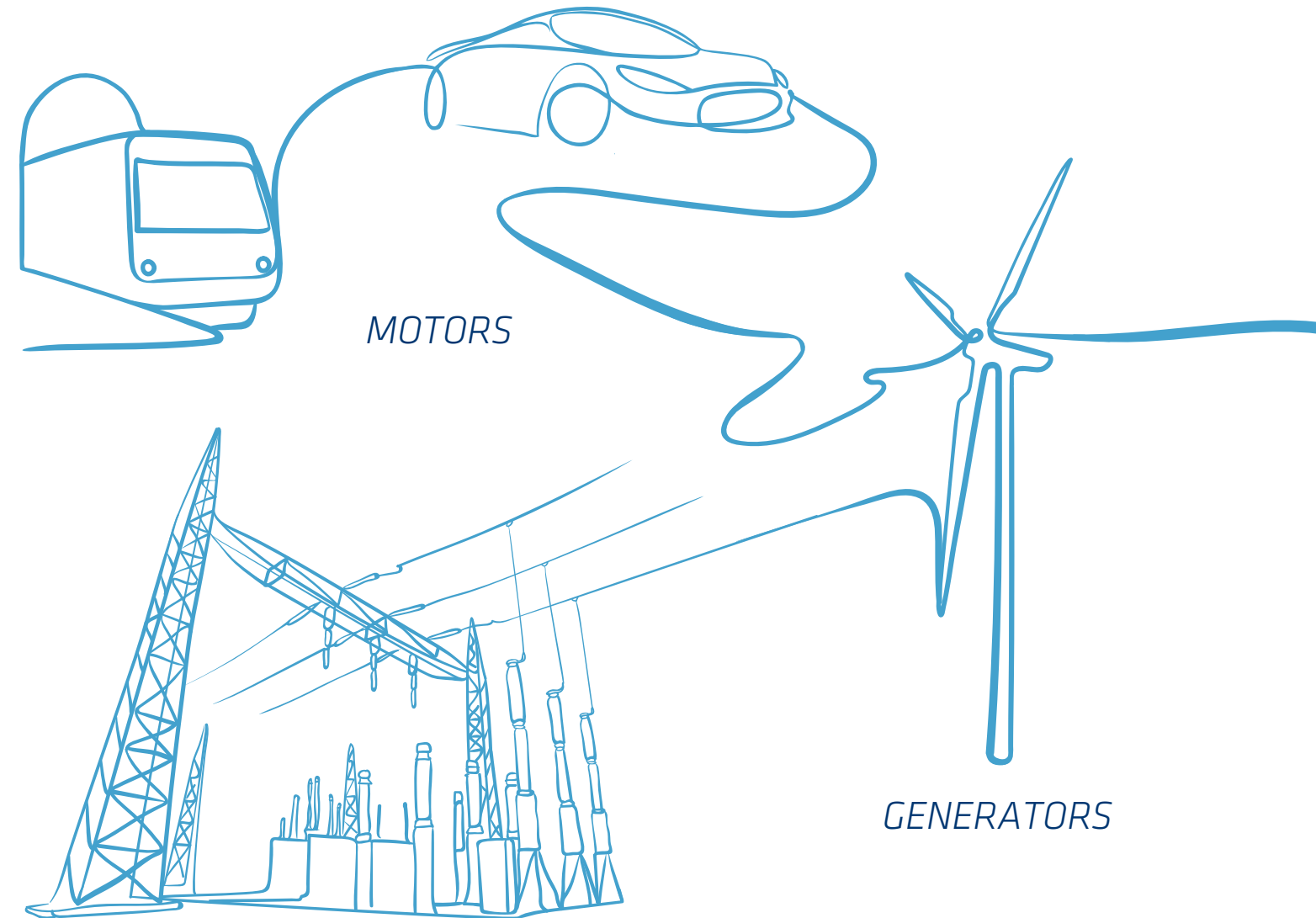
Moreover the IATF certifies Coveme as qualified supplier specifically for the automotive industry.



DuPont  
**NOMEX**  
DISTRIBUTOR

DuPont  
**NOMEX**  
QUALIFIED  
LAMINATOR

DyFilm®, DyTerm®, DyFlex®, DyBond®  
are Coveme registered trademarks  
Nomex®, Kapton® and Mylar®  
are DuPont registered trademarks



MOTORS

GENERATORS

TRANSFORMERS

# PLAIN MATERIALS

## DyFilm®/Mylar®

Electrical grade polyester film



Thermal  
Class B



Widths  
4-2190mm



Thickness  
12-1400µm\*

## DyFilm® HB - HBB

Electrical grade polyester film  
treated on the surface



Thermal  
Class B



Widths  
4-1830mm



Thickness  
12-350µm

## Nomex®

Aramid paper



UL Certified



Thermal  
Class C



Widths  
6-1828mm



Thickness  
50-9600µm

## Kapton®

Polyimide based film



UL Certified



Thermal  
-269°C to  
400°C



Widths  
6-1828mm



Thickness  
25-125µm

\*Thicknesses > 350mic are obtained by lamination of two or more layers.

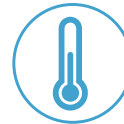
# NON WOVEN FLEECE LAMINATES

**DyFlex®**

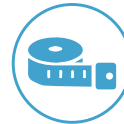
*non woven fleece and polyester laminates, unsaturated and saturated*



UL Certified



Thermal  
Classes B & F

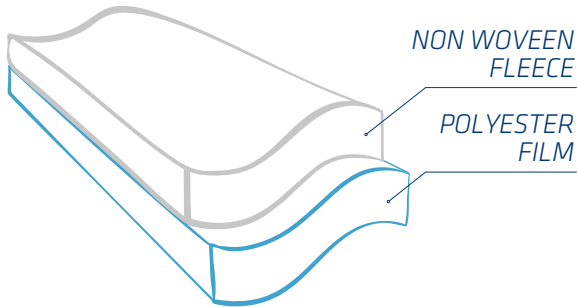


Widths  
4-1830mm

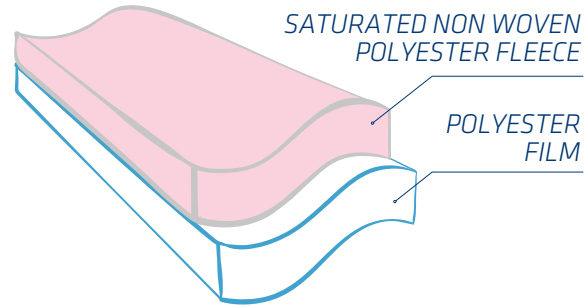


Thickness  
50-900µm

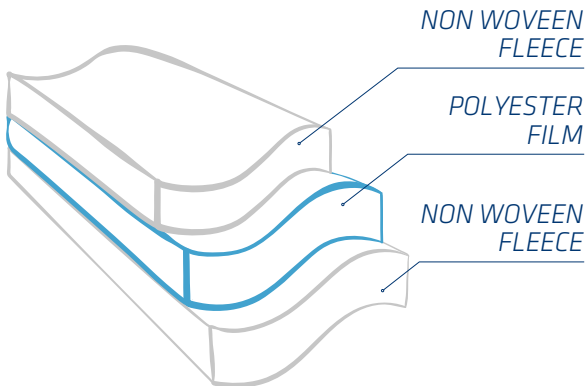
**DyFlex® ISF**



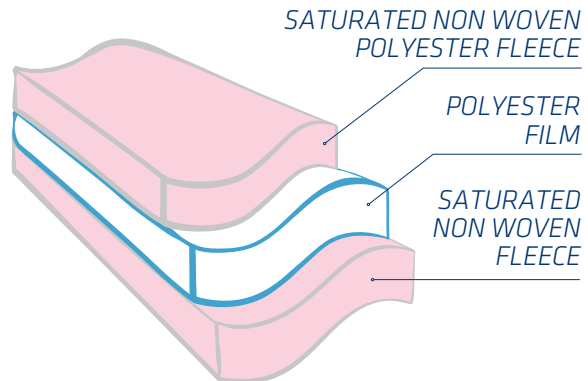
**DyFlex® SF**



**DyFlex® IDF**



**DyFlex® SDF**

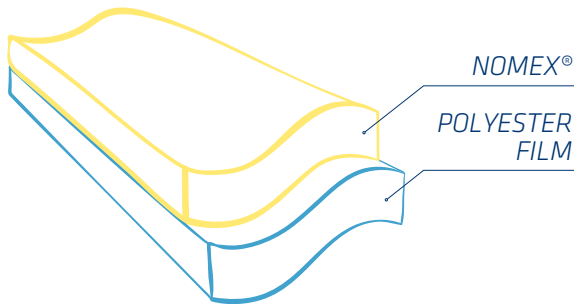


# NOMEX® LAMINATES

## DyTerm®

Nomex®  
with polyester film laminates

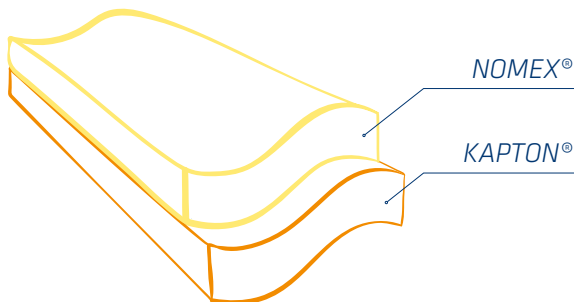
### DyTerm® N1S N2S N3S



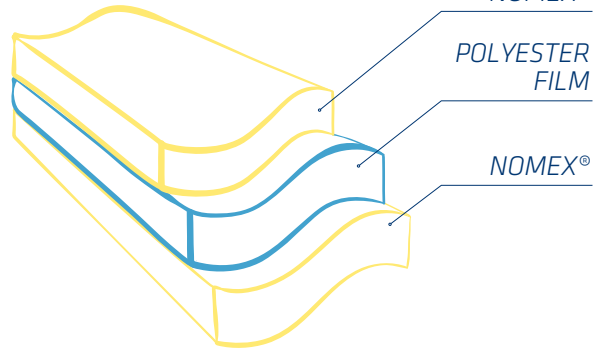
## DyTerm® K

Nomex® with Kapton® laminates

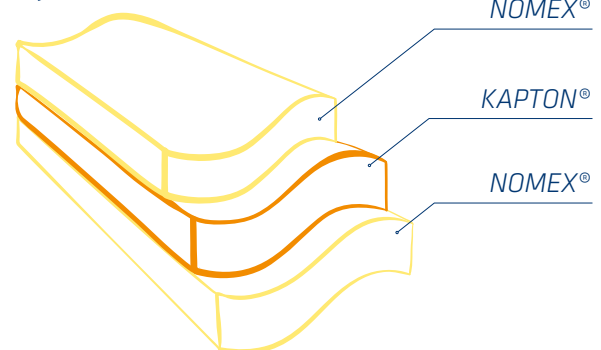
### DyTerm® NSK



### DyTerm® N1D N2D N3D



### DyTermx® NDK



# PRE-PREG LAMINATES

## DyBond®

Pre-preg laminates with B-Stage resin  
(on full surface or diamond dot)



UL Certified



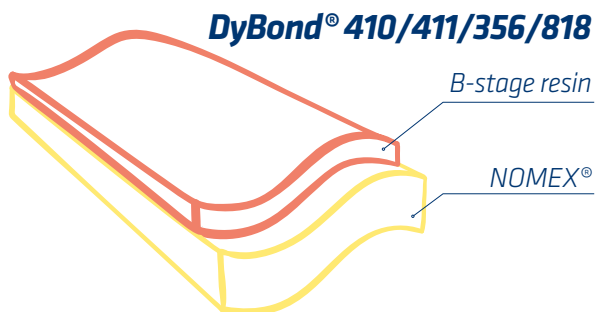
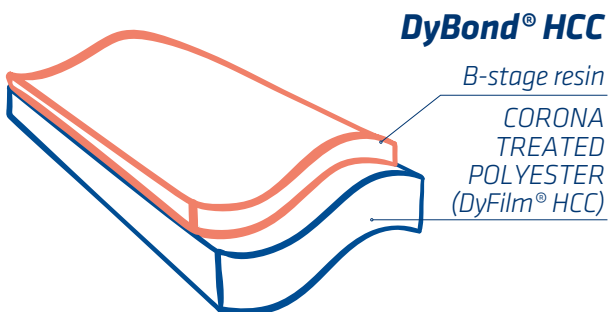
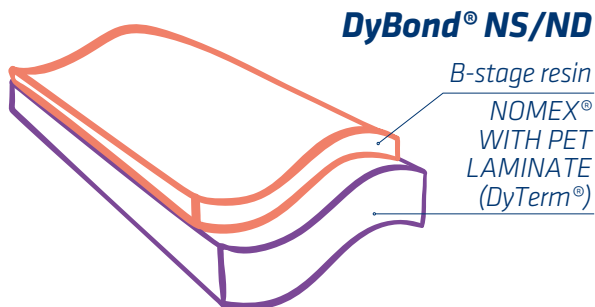
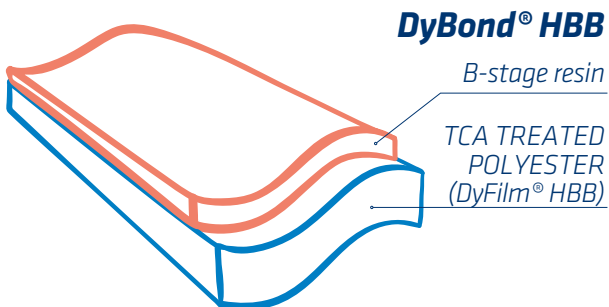
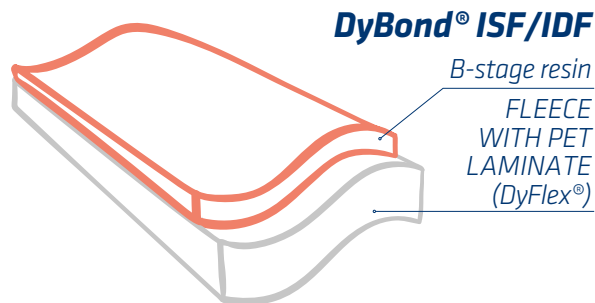
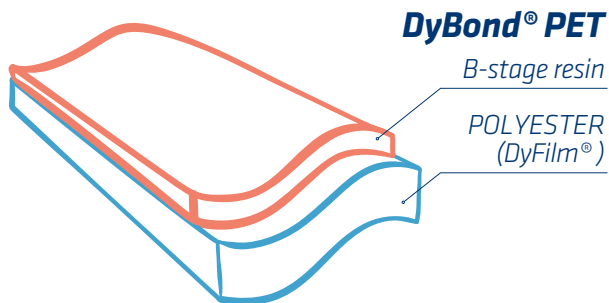
Thermal Classes  
up to H



Widths  
4-1830mm



Thickness  
80-530µm





## COVEME EUROPE

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### Italy

Coveme S.p.A.

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ph. +39 051 6226111

#### Production Plant and Registered Offices:

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34170 - Z.I. S. Andrea - Gorizia - Italy

ph.+39 0481 579911

## COVEME ASIA

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Coveme Engineered Films Zhangjiagang Co. Ltd

#### Production Plant & Office:

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Jiangsu Province, China P.C. 215600

ph. +86 512 82559911