

## TECHNICAL DATASHEET

Flexible Composite Paper Fexicom H

**nkn**

Nomex Kapton Nomex

### Description

Fleexicom h no nn is class h flexible electrical insulating material made with combination of electrical film and flexible paper. Nomex Poly Aramid paper is laminated on both sides of kapton polyirnide film using special hi temperature adhesive as bonding material.

### Features

- Higher temperature resistance
- Higher mechanical strength
- Better electrical strength
- Compatible with impregnating Varnish

### Application

Compotherm no nmn is suitable for slot insulation, interphase insulation and liner insulation in Class H electrical motors and electrical apparatus. It can also be used in the special position of Class B/F electric motor and electric apparatus.

### Properties

| Properties               | Unit             | Values  |
|--------------------------|------------------|---------|
| Density                  | g/cubic cm       | 1.7-1.9 |
| Martens Temp             | Degree C         | >/200   |
| Water Absorption         | %                | 0.8     |
| Flexual Strength         | Mpa At Room Temp | >350    |
| Tensile Stren th         | Mpa              | >300    |
| Dielectrical Strength On | Kv               | >/20    |

2mm Sheet in  
Oil

|                  |     |        |
|------------------|-----|--------|
| Bonding Strength | N   | >/5600 |
| Test Method      | IEC | 893.2  |

Thermal Stability at 180 Degree for 72 Hrs And cooled at normal temperature  
No physical deformation observed.

## Availability

Weight :50 Kgs • Width 36 Inch • Core ID 76mm

## Packaging

In strong cartoon

## Storage

It should be stored in normal temperature & should be kept at dust free It can be stored for unlimited period.

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