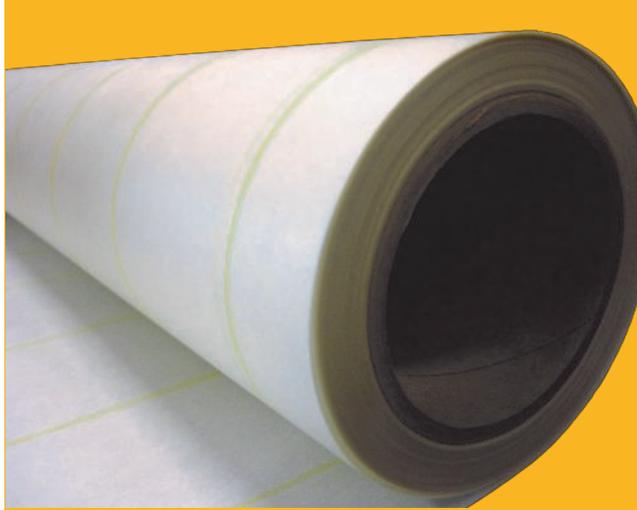




Associated Gaskets



Isonom® NMN 0881 Insulation

AG's Isonom NMN Insulation is a high quality, highly flexible, composite insulation material manufactured from PET film that is covered on both sides with calendered Nomex® Paper. This outstanding insulator combines the electrical performance of polyester film with the excellent physical toughness of the Nomex to create a material that is physically tough but also able to perform in demanding electrical applications.

This flexible insulation material is utilised in electrical environments with temperature ratings up to 155°C (Class F) and combines excellent mechanical properties such as high tensile strength and edge tear resistance with high electrical insulation performance.

Isonom NMN 0881 has a smooth surface which allows for trouble free installation and is used in a variety of applications. These include slot lining and closures as well as phase insulation and in the production of lower voltage motors. Isonom NMN is also used as interlayer insulation in high voltage transformers.

Many of Isonom NMN's other performance characteristics (e.g. breakdown voltage, tensile strength) vary depending on the thickness. The TDS for this product lists all of this information with copies available from your local AG.

Isonom NMN 0881 is white in colour and features faint yellow lines running lengthwise down the roll to allow for reliable differentiation between this product and straight Nomex.

For more information on this high quality insulation material, or any other product in our large range of single or multi-layered flexible insulation products, please do not hesitate to contact your local Associated Gaskets branch.

*Isonom® is a registered trademark of Isovolta
Nomex® is a registered trademark of DuPont™*

Standard Sizes*

Nominal Thickness	Tolerance	PET Film Thickness	Nomex® Thickness
0.15mm	±0.02mm	0.036mm	2 x 0.05mm
0.24mm	±0.03mm	0.125mm	2 x 0.05mm
0.3mm	+0.03 / - 0.01mm	0.19mm	2 x 0.05mm
0.36mm	±0.03mm	0.25mm	2 x 0.05mm
0.42mm	±0.03mm	0.3mm	2 x 0.05mm
0.48mm	±0.03mm	0.35mm	2 x 0.05mm

Standard rolls of Isonom NMN 0881 are 900mm wide and 50Mtrs long, though they are also available by the metre.

In addition to this standard roll stock, AG also offers a complete customisation service for this material. This means we can fabricate slit NMN rolls, precision cut components, or specially cut J pieces quickly and to suit your requirements.

*Other thicknesses also available upon request.

Associated Gaskets

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