



NORGARD EXTRUDED PTFE FILM

- Designed for primary insulation of hook-up wires, jackets and cables
- Highest tensile properties in the industry
- Increased wrapping speed during cable production
- Maintains insulation profile integrity and increases productivity, reducing manufacturing costs



NORGARD LOW DENSITY PTFE FILM

- Unsintered and sintered PTFE films
- Highest achievable tensile strength at the lowest dimensional variation
- Low dielectric constants and lowest attenuation on longest signal cable lengths
- Designed for highest frequencies with lowest signal losses
- Longest achievable tape length
- High-end cable impedance control



NORGARD SKIVED PTFE FILM

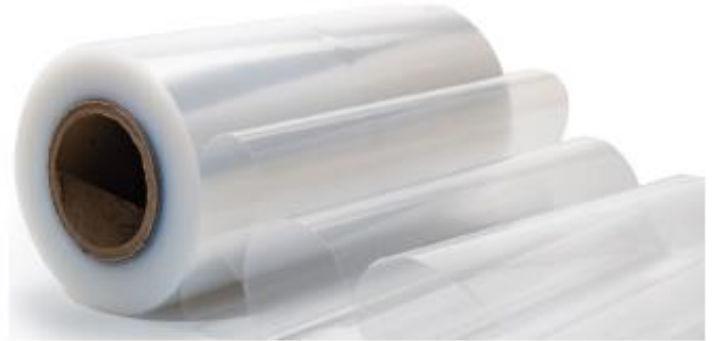
- Full density sintered PTFE films
- Widely used as chemical barrier and binding films in specialty cables for electrical heating devices
- Good abrasion resistance and bearing properties
- Ideal for applications requiring flexibility and robust performance
- Available in different compounded or anti-static versions





NORGARD COMPOSITE POLYIMIDE FILM

- Excellent dielectric properties
- Withstands high voltage
- Durable
- Good cut-through and abrasion resistance
- Can be used in a wide range of temperatures
- High radiation resistance and low outgassing



NORGARD FLUOROPOLYMER FILMS & COATED FABRICS

- PFA, FEP, ETFE, PVDF, MFA and silicone coated fabrics
- Excellent electrical insulation properties
- Heat sealable
- Good resistance against aggressive media
- Widely used as jacket materials



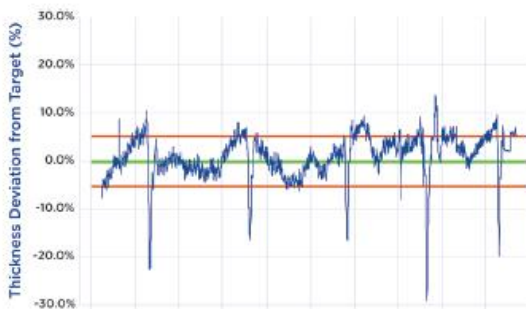
MATRIX PRECISION CONVERTING

Your Application. Our Expertise.

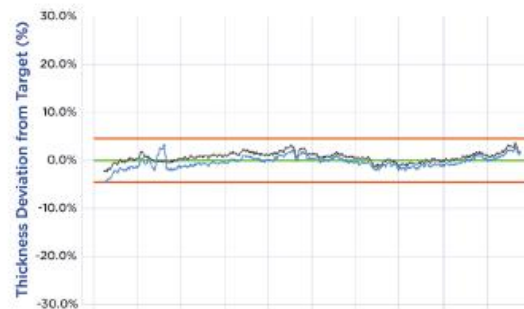
Matrix specializes in precision cutting and converting of engineered materials to meet the exact specifications required by manufacturers. Our state-of-the-art equipment and expertise ensure precise customization, providing manufacturers with streamlined solutions to enhance their product quality and performance.

THICKNESS PROFILES OF UNSINTERED PTFE FILM:

Norgard Unsintered PTFE Film maintains an unparalleled consistent thickness, with no peaks or deviation from tolerance limits.



Typical Thickness Profile
of an Industrial Sample



Norgard Thickness Profile

NORGARD FILM ADVANTAGES

- Weight/space savings
- World champion in dimensional, electrical and mechanical consistency
- Longest splice/defect-free lengths
- Highest mechanical strength for higher wrapping speeds and profitability
- Laser markable, high contrast ratios
- Reach and RoHS Compliant

