

NITOFLON® INTRODUCTION



NITOFLON® Films

NITOFLON® films are available in both PTFE and ETFE. Single-side etched film where adhesive properties are given to one side of non-adhesive fluoroplastic film, and double-side etched film are both available. NITOFLON® films can meet a wide variety of requirements thanks to the excellent characteristics of fluoroplastics.

Main Uses

- Electronic components (die-cutting)
- Heat-resistant wires
- Flat cables
- Thrust washers
- Heat resistant mold lubricants for heat sealing
- Heat-resistant insulation for motor and transformer coils
- Mold lubricants for FRP forming
- Elastomer composites

Material	Product no.	Thickness (mm)	Features / Applications
PTFE	No. 900UL	0.038~1.00	Maximum continuous service temperature 260°C. Class C insulation (Above 180°C). Heat seal packaging.
	No. 901UL (Single-side etched film)	0.05~1.50	Motor and transformer coil insulation. Insulation coating of lead wires. Lining of pipes and hoppers. Conveyer surfaces.
	No. 901W UL	0.05~0.20	One-piece forming with rubber. No. 900 complies with notification No. 20 of the Japanese ministry of Health and Welfare.
	No. 902UL (Double-side etched film)	0.05~1.00	Films from 0.02mm up to 0.24mm thick comply with UL94VTM-O. Films from 0.25mm thick comply with UL94V-O.
ETFE	No. 4510	0.05~0.125	The film exhibits substantial elongation in the temperature range 150~200°C in particular, so applicable to deep drawing by combining with rubber and metal plates. Medicine bottle cap protectors, diaphragms.