

NAFLON™ PTFE Tape

TOMBO No.9001



The NAFLON PTFE tape is made by cutting a molded cylindrical PTFE block into a thin tape of the required thickness. It offers a combination of PTFE's excellent characteristics including electrical properties, non-adherent property and low coefficient of friction.

Application

The NAFLON PTFE tape has a wide range of applications, e.g. as insulating material for motors and generators that are used in high-temperature corrosive gases, insulating material for coils, slot insulation, release material in plastic moldings and the lining of hoppers.

Dimensions

Unit: mm

Material	Thickness	Width	Length
Pure PTFE	0.05 - 2.0	200	1, 5, 10, 30, 50, and 100
		300	(Maximum length depends on thickness)
		500	

* For standard dimensions, please see the tables of standard dimensions on Page 10.

* For dimensions of filled versions, please contact us.

NAFLON™ PTFE tape with fillers

Types

- TOMBO No.9001-G20=Glass fiber (20%)
- TOMBO No.9001-GR15=Graphite (15%)
- TOMBO No.9001-GMo=Glass fiber (15%)+ Molybdenum disulfide (5%)
- TOMBO No.9001-CF 15=Carbon fiber (15%)
- TOMBO No.9001-GGR=Glass fiber (20%)+ Graphite (5%)
- TOMBO No.9001-B=Slide Tape
- TOMBO No.9001-BT=Slide Tape (With adhesive Tape)

NAFLON™ PTFE Cementable Tape

TOMBO No.9004

Adhesive versions of the NAFLON PTFE tape are available, either single coated or double coated. **Please note that the tape will lose its adhesive strength through exposure to ultraviolet light.** For inquiries about the versions with adhesive tape attached, please contact us.

Types

- TOMBO No 9004-K= NAFLON PTFE Cementable Tape coated on one side
- TOMBO No 9004-R= NAFLON PTFE Cementable Tape coated on both sides

TOMBO No.9001**NAFLON™ PTFE Tape****Standard Dimensions**

Thickness (mm)	Width (mm)	Length (m)	
● 0.05	300 500	10 30 50 100	
▲ 0.08			
● 0.10			
▲ 0.13			
▲ 0.15			
0.18			
● *0.20			
*0.25			
● *0.30			
● *0.40			10 30 50
● *0.50			10 30
● *0.80			10 30
● *1.00			10
*1.50			
*2.00			

- * Tapes marked with * can be manufactured with a maximum width of 1500 mm.
- * For tapes marked with ●, those 300 mm wide and 10 m long and those 500 mm wide and 10 m long are always stocked for shipping.
- * For tapes marked with ▲, those 300 mm wide and 10 m long are always stocked for shipping.
- * Widths and lengths not listed above are available on request. For details, please contact us.

TOMBO No.9001-G**NAFLON™
PTFE Tape containing glass fiber****Standard Dimensions**

Thickness (mm)		Width (mm)		Length	
Dimension	Tolerance	Dimension	Tolerance	Dimension (m)	Tolerance (%)
0.20	±0.02	100	+15	150	+2.0
0.30				100	
0.40	70				
0.50	60				
0.80	40				
1.00	30				
1.50	±0.12	200	- 0	20	- 0

- * For other types of fillers (GR, GMo, CF, GGR and BR), please contact us.

Tolerance

Unit: mm

Thickness	
Nominal dimension	Tolerance
0.05~0.10	±0.01
0.13~0.30	±0.02
0.40	±0.03
0.50	±0.04
0.80	±0.07
1.00	±0.08
1.50~3.00	±0.12

Unit: mm

Width	
Nominal dimension	Tolerance
300	±1.0 (+20) ^{NOTE 1} (- 0)
500	±3.0 (+20) ^{NOTE 1} (- 0)

NOTE 1: For tapes without slits

Unit: mm

Length	
Nominal dimension	Tolerance
10~100	+2% -0