



The NAFLON PTFE sheet is compression molded from pure PTFE or from PTFE mixed with a blend of powdered inorganic fillers for a wide range of applications.

### Application

With its characteristic fluoropolymer properties such as chemical stability, excellent electrical characteristics and low coefficient of friction, the NAFLON PTFE sheet is widely used for gaskets, electrical insulating materials, mechanical parts and more. Filled-sheet versions are recommended for a working environment that demands excellent wear resistance and compressive strength.

### Dimensions

#### ● Square sheet

Unit: mm

Material	Thickness	Length x Width
Pure PTFE	1 - 6 (Skived)	300, 500, 1000, 1220
	7 - 75 (Die formed)	
Filled		
-G15, 20, 25,	4 - 50 (Die formed)	300
-GR15, 30,		500
-GMo, -GGR,		1000
-BR, -CF10, 15		

#### ● Disc

Thickness (mm): 10, 20, 30, 40, 50, 60, 70

Diameter (mm): 400, 500, 600, 700, 800, 900, 1000

\* For standard dimensions, please see the tables of standard dimensions on Pages 8 and 9.

\* Continuous sheets are also available. Please contact us.

### NAFLON™ PTFE sheet with fillers

This is the version of the NAFLON PTFE sheet containing inorganic fillers to improve wear resistance, creep resistance, heat conductivity and thermal dimensional stability.

These filled sheets are ideal for mechanical parts that require resistance to heat and wear.

\* Some versions of the sheet cannot be used in specific conditions (e.g. the type of chemical used). Please contact us for details.

### Types

- TOMBO No.9000-G15, 20, 25=Glass fiber (15%, 20%, 25%)
- TOMBO No.9000-GR15, 30=Graphite (15%, 30%)
- TOMBO No.9000-GMo=Glass fiber (15%)+ Molybdenum disulfide (5%)
- TOMBO No.9000-GGR=Glass fiber (20%)+ Graphite (5%)
- TOMBO No.9000-BR=Bronze (60%)
- TOMBO No.9000-CF10,15= Carbon fiber (10%,15%)
- TOMBO No.9000-SC=Special carbon
- TOMBO No.9000-LC=Low creep Sheet
- TOMBO No.9000-GL=For glass lining application
- TOMBO No.9000-FD=For food, pharmaceutical and glass lining application

# Tables of standard dimensions

\* The standard dimensions indicated in the tables are subject to change without prior notice. Please contact us for the latest dimensions available when placing orders.

## TOMBO No.9000

### NAFLON™ PTFE Sheet (Skived)

#### Standard Dimensions

Unit: mm

Thickness		Length × Width	
Dimension	Tolerance	Dimensions	Tolerance
1.0	+0.10 -0.05	300× 300 500× 500 1000×1000 1220×1220	+10
1.5			- 0
2.0			( 300× 300 )
3.0	+0.20		( 500× 500 )
4.0	-0.05		+20
5.0	-0.05		- 0
6.0	+0.30 -0.10	( 1000×1000 ) ( 1220×1220 )	

\* Sheets with the above dimensions are always stocked for shipping.  
\* For sheets with a thickness of 3 mm or less, requests for continuous lengths can be accommodated. For details, please contact us.

## TOMBO No.9000-D

### NAFLON™ PTFE Sheet (Disc)

#### Standard Dimensions

Unit: mm

Thickness		Outer diameter	
Dimension	Tolerance	Dimension	Tolerance
10	+2.4	400 500 600 700 800 900 1000	+10 - 0
15	- 0		
20	+3.6		
25	- 0		
30	+4.0		
35	- 0		
40	+5.0 - 0		
45			
50			
55	- 0		
60	+6.0		
65	- 0		
70	+8.0 - 0		

\* Sheets with the above dimensions are manufactured only after specific orders are received.

## TOMBO No.9000

### NAFLON™ PTFE Sheet (Die formed)

#### Standard Dimensions

Unit: mm

Thickness		Length × Width	
Dimension	Tolerance	Dimensions	Tolerance
7.0	+0.8 0	300× 300 500× 500 1000×1000 1220×1220	+10 - 0
8.0			
9.0			
10.0	+1.0 0		
11.0			
12.0			
13.0	+1.1 0		
14.0			
15.0	+1.2 0		
16.0			
17.0			
18.0	+1.4 0		
19.0			
20.0	+1.8 0		
22.0			
25.0			
30.0	+2.0 0		
35.0			
40.0	+2.5 0		
45.0			
50.0			
60.0	+3.0 0		
70.0			
75.0	+4.0 0		

**TOMBO No.9000-G·GR·GMo·CF·GGR·BR**  
**NAFLON™**  
**PTFE Sheet with Fillers (Die formed)**

**Standard Dimensions**

Unit: mm

Thickness		Length × Width	
Dimension	Tolerance	Dimensions	Tolerance
4.0	+0.45 -0.20	300× 300 500× 500 1000×1000	+10 - 0
5.0	+0.55		
6.0	-0.30		
7.0	+0.75		
8.0	-0.35		
9.0			
10.0	+0.95		
12.0	-0.45		
15.0	+1.20 -0.60		
20.0	+1.70		
25.0	-0.80		
30.0	+2.00		
35.0	-1.00		
40.0	+2.50 -1.30		
50.0	+3.00 -1.50		

\* Sheets with the above dimensions are manufactured only after specific orders are received.

**TOMBO No.9000-SC**  
**NAFLON™**  
**special carbon filled PTFE Sheet**

**Standard Dimensions**

Unit: mm

Thickness		Length × Width	
Dimension	Tolerance	Dimensions	Tolerance
1.5	+0.30	1000×1000 1220×1220	+15 - 0
2.0	-0.15		
3.0	+0.40 -0.20		

\* Sheets with the above dimensions are always stocked for shipping.

**TOMBO No.9000-LC**  
**NAFLON™ Low Creep PTFE sheet**

**Standard Dimensions**

Unit: mm

Thickness		Length × Width	
Dimension	Tolerance	Dimensions	Tolerance
1.5	+0.20	1220×1220	+15 - 0
2.0	-0.10		
3.0	+0.25 -0.15		

\* Sheets with the above dimensions are always stocked for shipping.

**TOMBO No.9000-G20**  
**NAFLON™**  
**Glass filled PTFE Sheet (Skived)**

**Standard Dimensions**

Unit: mm

Thickness		Length × Width	
Dimension	Tolerance	Dimensions	Tolerance
1.0	+0.10	300× 300 500× 500 1000×1000	+10 - 0
1.5	-0.05		
2.0			
3.0	+0.20 -0.10		
4.0	+0.45 -0.20		
5.0	+0.55 -0.30		
6.0	+0.55 -0.30		

\* Sheets with the above dimensions are manufactured only after specific orders are received.