

NAFLON™ Sheet

# SHEET

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NAFLON™ PTFE Sheet — P4  
Pure PTFE

NAFLON™ PTFE Sheet — P5  
PTFE with filler

NAFLON™ PFA Sheet — P6

NAFLON™ PCTFE Sheet — P6

# NAFLON™ PTFE Sheet

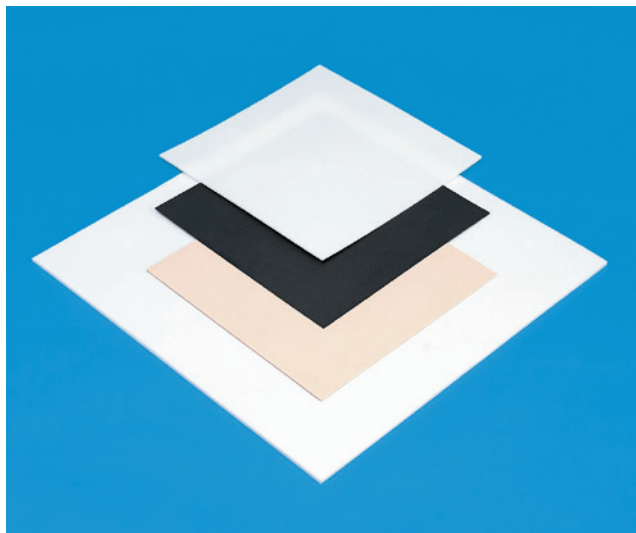
The NAFLON PTFE sheet is a versatile material made by compression molding a single-substance PTFE or a powdered raw PTFE material in

Pure  
PTFE

TOMBO™ No.9000 / TOMBO™ No.9000-S

It is a sheet material that combines the excellent chemical stability, electrical properties, and low friction coefficient of fluororesin.

Sheet



## Application

NAFLON PTFE sheets are widely used in gaskets, electrical insulation materials, mechanical parts, etc. due to fluororesin's excellent chemical stability, electrical properties, and low friction coefficient. If you require wear resistance and compression strength, use the sheet with filler.

## Type

Product color

TOMBO No.9000

NAFLON PTFE Sheet **Stamped**

Formed by compression molding

(White)



TOMBO No.9000-S

NAFLON PTFE Sheet **Cut**

Formed by cutting

(White)



\*The product color is an impression for illustrative purposes.

## Standard Dimensions

\*The standard dimensions are subject to change without notice.  
Please make sure to check the standard dimensions before ordering.

Unit: [mm]

NAFLON PTFE Sheet		Stamped	TOMBO No.9000	
Thickness		Vertical × horizontal		
Dimensions	Tolerance	Dimensions	Tolerance	
7	+0.8 −0	300 × 300 500 × 500 1000 × 1000 1220 × 1220		+10 −0
8				
10	+1.0 −0			
12				
15	+1.2 −0			
18	+1.4 −0			
20	+1.8 −0			
22				
25				
30	+2.0 −0			
35				
40	+2.5 −0			
45				
50				
60	+3.0 −0			
70	+4.0 −0			
80				

\*Products with dimensions other than those indicated above are available.  
If you are interested, please contact us.

Unit: [mm]

NAFLON PTFE Sheet		Cut	TOMBO No.9000-S	
Thickness		Vertical × horizontal		
Dimensions	Tolerance	Dimensions	Tolerance	
1	+0.10 -0.05	300 × 300 500 × 500 1000 × 1000 1220 × 1220	+10 -0 ( 300 × 300 ) ( 500 × 500 )	
1.5				
2				
3	+0.20 -0.05		+20 -0 ( 1000 × 1000 ) ( 1220 × 1220 )	
4				
5				
6				
	+0.30 -0.10			

\*The sizes above are for products we stock as standard.

\*For products with a thickness of 3 mm or less, we can manufacture a longer version of the product. If you are interested, please contact us.

which various inorganic fillers are mixed with the PTFE.

PTFE  
with filler

TOMBO™ No.9000-G, -GR, -GMo, -GGR, -BR, -CF, -LC, -SC / TOMBO™ No.9000-S-G20









It is a sheet material that offers improved wear resistance, creep resistance, thermal conductivity, and thermal dimensional stability by blending various inorganic fillers with PTFE.

Application

It has improved wear resistance, creep resistance, thermal conductivity, and thermal dimensional stability, making it perfect for use with mechanical parts that require heat resistance and wear resistance.

\*Depending on the usage atmosphere (type of chemical solution, etc.), some grades cannot be used. If you have any questions, please contact us.

Type

	Product color
TOMBO No.9000 - G15, G20, G25 TOMBO No.9000 - S - G20 <b>Glass fiber (15%, 20%, 25%)</b>	(White) 
TOMBO No.9000 - GR15, GR30 <b>Graphite (15%, 30%)</b>	(Black) 
TOMBO No.9000 - GMo <b>Glass fiber (15%) + molybdenum disulfide (5%)</b>	(Black) 
TOMBO No.9000 - GGR <b>Glass fiber (20%) + graphite (5%)</b>	(Black) 
TOMBO No.9000 - BR <b>Bronze (60%)</b>	(Brown) 
TOMBO No.9000 - CF10, CF15 <b>Carbon fiber (10%, 15%)</b>	(Black) 
TOMBO No.9000 - LC <b>Special filler</b>	(Reddish brown) 
TOMBO No.9000 - SC <b>Special carbon</b>	(Black) 

\*For the properties of the filler, see "Types and Properties of Fillers" on page 18.  
\*The product color is an impression for illustrative purposes.  
\*The color tone of TOMBO No. 9000-LC may vary.

Standard Dimensions

\*The standard dimensions are subject to change without notice. Please make sure to check the standard dimensions before ordering.

Unit: [mm]

NAFLON PTFE Sheet with filler <div>Stamped</div> <div>TOMBO No.9000 - G, GR, GMo, GGR, BR, CF</div>			
Thickness		Vertical × horizontal	
Dimensions	Tolerance	Dimensions	Tolerance
4	+0.65 -0	300 × 300 500 × 500 1000 × 1000	+10 -0
5	+0.85 -0		
6			
7	+1.10 -0		
8			
9			
10	+1.4 -0		
12			
15	+1.8 -0		
20	+2.5 -0		
25			
30	+3.0 -0		
35			
40	+4.0 -0		
50	+5.0 -0		

\*The sizes above are made to order.

Unit: [mm]

NAFLON PTFE Sheet with glass fiber <div>Cut</div>			
TOMBO No.9000 - S - G20			
Thickness		Vertical × horizontal	
Dimensions	Tolerance	Dimensions	Tolerance
1	+0.10 −0.05	300 × 300  500 × 500  1000 × 1000  1220 × 1220	+10 −0
1.5			
2			
3	+0.20 −0.10		
4	+0.45 −0.20		
5	+0.55 −0.30		
6			

\*The sizes above are made to order.

Unit: [mm]

NAFLON PTFE Sheet with special carbon TOMBO No.9000 - SC			
Thickness		Vertical × horizontal	
Dimensions	Tolerance	Dimensions	Tolerance
1.5	+0.30 -0.15	1220 × 1220	+15 -0
2			
3	+0.40 -0.20		

\*The sizes above are for products we stock as standard.

Unit: [mm]

NAFLON PTFE Sheet with special filler TOMBO No.9000 - LC			
Thickness		Vertical × horizontal	
Dimensions	Tolerance	Dimensions	Tolerance
1.5	+0.20 -0.10	1220 × 1220	+15 -0
2			
3	+0.25 -0.15		

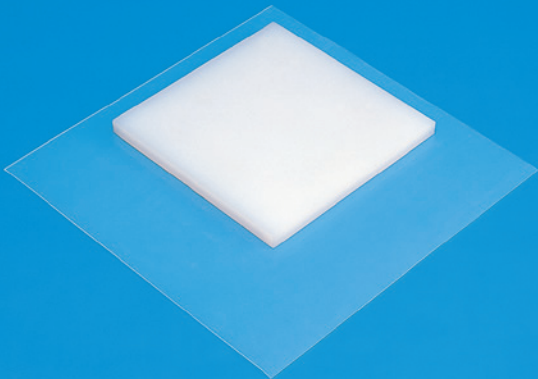
\*The sizes above are for products we stock as standard.



# NAFLON™ PFA Sheet

It is a PFA sheet formed by compression molding.

TOMBO™ No.9000-PFA



## Application

It is a PFA sheet formed by compression molding.

## Standard Dimensions

\*The standard dimensions are subject to change without notice.  
Please make sure to check the standard dimensions before ordering.

Unit: [mm]

NAFLON PFA Sheet		TOMBO No.9000 - PFA
Vertical × Horizontal	Thickness	
200 × 200	5, 8, 10, 12, 15, 20, 25, 30, 35, 40	
300 × 300	5, 8, 10, 12, 15, 20, 25, 30, 35, 40, 45	
500 × 500	5, 8, 10, 12, 15, 20, 25, 30, 40	

\*Please contact us for other available thicknesses.

# NAFLON™ PCTFE Sheet

It is a PCTFE sheet formed by compression molding.

TOMBO™ No.9000-PCTFE



## Application

It can be used as a processing material for various chemical and electrical equipment parts, not to mention gaskets and packings of a whole host of different shapes.

## Standard Dimensions

\*The standard dimensions are subject to change without notice.  
Please make sure to check the standard dimensions before ordering.

Unit: [mm]

NAFLON PCTFE Sheet		TOMBO No.9000 - PCTFE
Vertical × Horizontal	Thickness	
200 × 200	5, 8, 10, 12, 15, 20, 25, 30, 35, 40	
300 × 300	5, 8, 10, 12, 15, 20, 25, 30, 35, 40, 45	
500 × 500	5, 8, 10, 12, 15, 20, 25, 30, 35, 40	

\*Please contact us for other available thicknesses.