

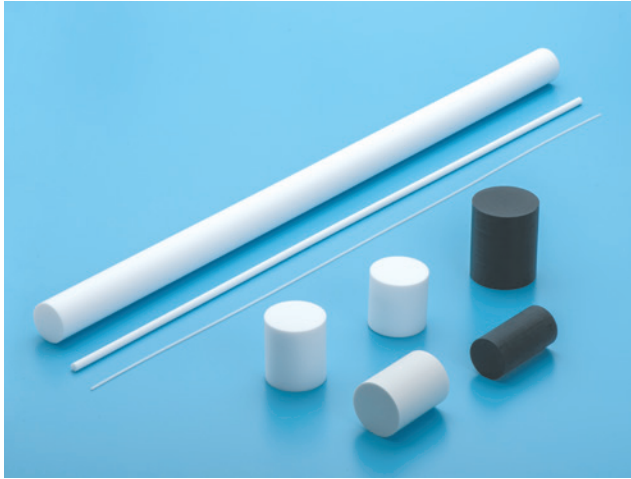
NAFLON™ PTFE Rod

The NAFLON PTFE rod is a PTFE material made by molding raw PTFE powder to a specified diameter by way of either ram extrusion molding

Pure
PTFE

TOMBO™ No.9002

It is a rod that combines PTFE's excellent electrical properties, non-adhesiveness, and low friction coefficient.



Application

It is used in connectors, terminals, other electrical components, stopcocks for laboratory equipment, check valve balls, etc.

Type

TOMBO No.9002
NAFLON PTFE Rod

(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 Rod		TOMBO No.9002	
Diameter		Length	
Dimensions	Tolerance	Dimensions	Tolerance
1.0	+0.4 -0	1000	+10 -0
2.0			
3.0			
4.0			
5.0			
6.0			
7.0			
7.3			
7.5			
8.0			
9.0			
10.0			
11.0	+0.6 -0		
12.0	+0.7 -0		
13.0			
14.0			
15.0			
16.0			
17.0			
18.0			
20.0	+1.0 -0		
22.0	+1.5 -0		
25.0			
30.0			
35.0			
40.0			
45.0			
50.0			+3.0 -0
55.0	+4.0 -0		
60.0			
65.0			
70.0			
80.0	+5.0 -0		
90.0	+6.0 -0		
100.0			
120.0			
150.0			+7.0 -0

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

*With regards to diameter and length, we can manufacture rods of dimensions other than those indicated above. If you are interested, please contact us.

Unit: [mm]

NAFLON PTFE Rod		TOMBO No.9002	
Diameter		Length	
Dimensions	Tolerance	Maximum length	Tolerance
15	+3.0 -0	150	+5% -0
16			
17			
18			
20			
22			
23			
25			
27			
28			
30			
33			
35			
38			
40			
43			
45	+4.0 -0		
46			
48			
50			
53			
55			
60			
65			
66			
70			
75			
78			
80			
85			
90			
92			
95			
100			
103	+5.0 -0		
105			
110			
115			
120			
125			
130			
135			
140			
150	+6.0 -0		
160			
170			
180			
190			
200			
210			

*With regards to diameter and length, we can manufacture rods of dimensions other than those indicated above. If you are interested, please contact us.

or compression molding. The rod can be cut for use as electrical or mechanical parts.









PTFE with filler

TOMBO™ No.9002-G, -GR, -GMO, -GGR, -BR, -CF, -SC, -SCCF

Abrasion resistance, compressive strength, and dimensional stability are improved by adding various fillers to PTFE.

Type

Product color

TOMBO No.9002 - G15, G20, G25 Glass fiber (15%, 20%, 25%)	(White)	
TOMBO No.9002 - GR15, GR30 Graphite (15%, 30%)	(Black)	
TOMBO No.9002 - GMO Glass fiber (15%) + molybdenum disulfide (5%)	(Black)	
TOMBO No.9002 - GGR Glass fiber (20%) + graphite (5%)	(Black)	
TOMBO No.9002 - BR Bronze (60%)	(Brown)	
TOMBO No.9002 - CF10, CF15 Carbon fiber (10%, 15%)	(Black)	
TOMBO No.9002 - SC Special carbon	(Black)	
TOMBO No.9002 - SCCF Special carbon + carbon fiber	(Black)	

*For the properties of the filler, see "Types and Properties of Fillers" Materials on page 18.
*The product color is an impression for illustrative purposes.
*As TOMBO No. 9002-SCCF contains a large amount of filler, if it is used as a gas sealing material, it may leak depending on the conditions of use. If you have any questions about this matter, please contact us.

Standard Dimensions

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

Unit: [mm]

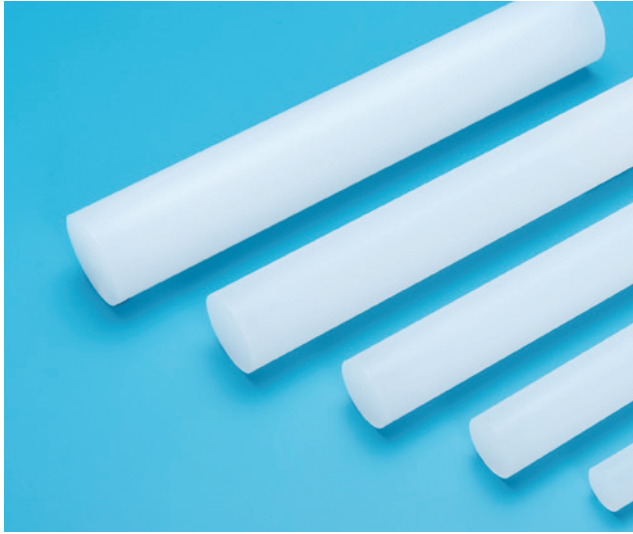
NAFLON PTFE Rod with filler TOMBO No.9002-G, GR, GMo, GGR, BR, CF, SC, SCCF			
Diameter		Length	
Dimensions	Tolerance	Maximum length	Tolerance
15	+3.0 -0	150	+5% -0%
16			
17			
18			
20			
22			
23			
25			
27			
28			
30			
33			
35			
38			
40			
43			
45			
46	+4.0 -0		
48			
50			
53			
55			
60			
65			
66			
70			
75			
78			
80			
85			
90			
92			
95			
100			
103	+5.0 -0		
105			
110			
115			
120			
125			
130			
135			
140			
150	+6.0 -0		
160			
170			
180			

*For the property values of NAFLON with filler, refer to "Properties of PTFE with Filler" on pages 16-18.
*With regards to diameter and length, we can manufacture rods of dimensions other than those indicated above. If you are interested, please contact us.
*Feel free to contact us about other filler materials.

NAFLON™ PFA Rod

It is a PFA rod formed by compression molding.

TOMBO™ No.9002-PFA



Application

It can be used as a material for cutting and welding.

Standard Dimensions

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

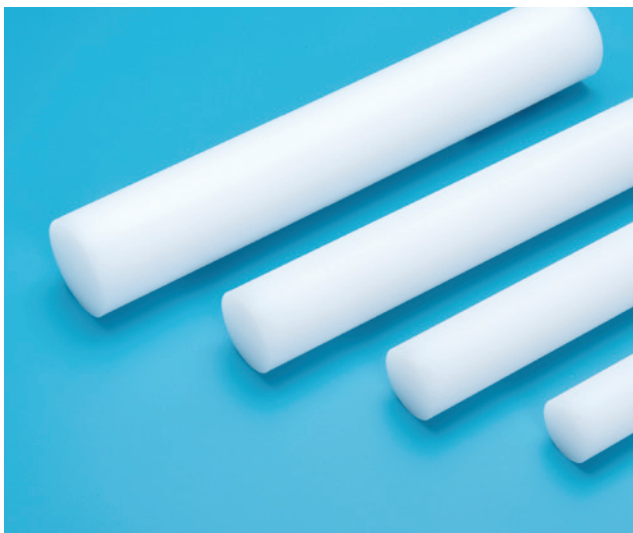
Unit: [mm]

NAFLON PFA Rod		TOMBO No.9002-PFA
Length	Diameter	
300	20, 25, 30, 35, 40, 45, 50	

NAFLON™ PCTFE Rod

It is a PCTFE rod formed by compression molding.

TOMBO™ No.9002-PCTFE



Application

Taking advantage of its dimensional stability at low temperatures, it is used for packing and so on in low temperature environments. It is a material that is easy to machine thanks to its excellent mechanical strength.

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 Rod		TOMBO No.9002-PCTFE
Length	Diameter	
300	25, 30, 35, 40, 45, 50	