

## **Teflon**

### **Standard Product Offering**

- Sheet sizes: 1/32" – 3" thick 48" x 48" Virgin  
1/32" – 1/4" thick 48" x 48" Repro
- Skived: .005" – .125" thick 48" wide rolls  
In house slitting up to 1/32" thick, 1/2" width minimum
  
- 25% Glass Filled Sheets: 1/32" – 1 1/2" thick 48" x 48"
- 25% Carbon Filled Sheets: 1/4" – 2" thick 48" x 48"
- Virgin Extruded Rods: 1/8" – 8" dia 6 ft and 12 ft lengths
- Repro Extruded Rods: 1/8" – 8" dia 6 ft and 12 ft lengths
- 15% & 25% Glass Filled Rod 5/16" – 6" dia
- 25% Carbon Filled Rod 5/16" – 3 3/4" dia
- Molded Rods: 3 3/4" – 12" dia
- Ram Extruded Tube: Fractional and Metric Sizes
- Paste Extruded Tube & Cord: Fractional, Metric, AWG Sizes: "Spaghetti Tube"
- FEP & PFA Tubing

### **Specialty Items**

- 1/8" x 48" x 48" Virgin Molded Sheet
- 1/8" x 60" x 60" Virgin Skived Sheet
- Etched Skived Tape .005" – .125" thick
- Etched Sheets In Stock .015" – .375" thick
- Virgin Rods 3/16" – 2 1/2" x 12 ft lgth
- Repro Rods 3/16" – 1 1/8" x 12 ft lgth
- 1mm & 2 mm Thickness Virgin Sheet

## Thickness and Weight of PTFE sheet Per Square Foot

Thickness (Inches)	Lbs. Per Square Foot (12" x 12")	Thickness (Inches)	Lbs. Per Square Foot (12" x 12")
3/16	2.25	1 1/2	18.00
1/4	3.00	1 3/4	21.00
3/8	4.50	2	24.00
1/2	6.00	3	36.00
5/8	7.50	4	48.00
3/4	9.00	5	60.00
1	12.00	6	72.00
1 1/4	15.00	7	84.00
<b>Molded PTFE Sheet Sizes (Width x Length)</b> 12" x 12"      30" x 30" 18" x 18"      36" x 36" 24" x 24"      36" x 48" 24" x 30"      40" x 40" 24" x 48"      48" x 48"		<b>Standard Thickness Tolerances</b>  <b>Thickness Tolerance (+/-)</b> 3/16" to 1"      8% 1 1/8" to 7"      10%	

**Diameter & Weight of PTFE rod Per Foot**

Diameter OD (Inches)	Lbs. Per Foot	Diameter OD (Inches)	Lbs. Per Foot
1/8	.012	1 1/4	1.150
5/32	.018	1 3/8	1.390
3/16	.026	1 1/2	1.650
7/32	.035	1 5/8	1.940
1/4	.047	1 3/4	2.240
9/32	.058	1 7/8	2.580
5/16	.073	2	2.930
11/32	.087	2 1/8	3.310
3/8	.104	2 1/4	3.710
7/16	.142	2 3/8	4.430
1/2	.185	2 1/2	4.570
9/16	.233	2 5/8	5.400
5/8	.288	2 3/4	5.500
11/16	.348	2 7/8	6.500
3/4	.414	3	7.070
13/16	.486	3 1/4	8.300
7/8	.563	3 1/2	9.600
15/16	.690	3 3/4	11.000
1	.734	4	12.500
1 1/8	.929	4 1/4	13.75
		4 1/2	15.30

Extruded PTFE Rod Lengths

6' & 12'

Material Types:  
Virgin, Reprocessed,  
Glass-fill,

Extruded PTFE Rod Tolerances

Diameter (OD)  
(Inches)

Tolerance  
(Inches)

Up to 1

+ .005 - .000

1 to 2

+ .010 - .000

Diameter (Inches)

3/4	3 3/4	8 1/2
1	4	8 3/4
1 1/8	4 1/8	9
1 1/4	4 1/4	9 1/4
1 3/8	4 3/8	9 3/8
1 1/2	4 1/2	9 1/2
1 5/8	4 3/4	10 1/4
1 3/4	5	10 1/2
1 7/8	5 1/4	11
2	5 3/8	11 1/4
2 1/16	5 1/2	11 1/2
2 1/8	5 5/8	11 5/8
2 1/4	5 3/4	12
2 3/8	6	12 1/2
2 1/2	6 1/4	12 5/8
2 5/8	6 3/8	13 3/4
2 3/4	6 3/4	14
2 7/8	7	15 1/2
3	7 1/4	18 1/4
3 1/8	7 1/2	18 1/2
3 1/4	7 3/4	20 1/4
3 1/2	8	20 1/2
3 5/8	8 1/4	

Tolerances of PTFE Molded Rod

Diameter (Inches)	Tolerance (Inches)
1 to 3	+ .187 - .000
Over 3 to 5	+ .250 - .000
Over 8 to 12	+ .500 - .000

Molded Rod Lengths  
3", 6", 12", up to 18"  
Other lengths available.

Material Types:  
Virgin, Glass-fill,  
ENFLON® (filled PTFE)

11/16 x 1/4	1 x 3/8	1 3/8 x 13/16	1 3/4 x 1 3/8	2 1/4 x 1 1/8	2 3/4 x 1 1/2	∟
11/16 x 5/16	1 x 7/16	1 3/8 x 7/8	1 7/8 x 1/4	2 1/4 x 1 1/4	2 3/4 x 1 5/8	∟
11/16 x 3/8	1 x 1/2	1 3/8 x 15/16	1 7/8 x 3/8	2 1/4 x 1 3/8	2 3/4 x 1 3/4	∟
11/16 x 7/16	1 x 9/16	1 3/8 x 1	1 7/8 x 1/2	2 1/4 x 1 1/2	2 3/4 x 2	∟
3/4 x 1/8	1 x 5/8	1 3/8 x 1 1/16	1 7/8 x 5/8	2 1/4 x 1 5/8	2 3/4 x 2 1/8	∟
3/4 x 3/16	1 x 11/16	1 3/8 x 1 1/8	1 7/8 x 3/4	2 1/4 x 1 3/4	2 3/4 x 2 1/4	∟
3/4 x 1/4	1 x 3/4	1 1/2 x 1/4	1 7/8 x 7/8	2 1/4 x 1 7/8	2 3/4 x 2 3/8	∟
3/4 x 5/16	1 x 15/16	1 1/2 x 5/16	1 7/8 x 1	2 3/8 x 1/2	2 7/8 x 2 1/2	
3/4 x 3/8	1 1/8 x 1/4	1 1/2 x 3/8	1 7/8 x 1 1/8	2 3/8 x 5/8	2 7/8 x 2	

Extruded PTFE Tube Length  
6' & 12'

Material Types:  
Virgin, Reprocessed,  
Glass-fill,  
ENFLON® (filled PTFE)

Extruded PTFE Tubing Tolerances  
Tolerance +/- (Inches)

Diameter (OD) Inches	ID	C
Up to 1"	+ .000 - .025	+ .032
Over 1"	+ .000 - .032	+ .062
Over 2 1/2"	+ .000 - .125	+ .125

## PTFE Tubing Dimensions: OD x ID

1/4 x 1/16	3/4 x 7/16	1 1/8 x 5/16	1 1/2 x 7/16	1 7/8 x 1 1/4	2 3/8 x 3/4	2
1/4 x 1/8	3/4 x 1/2	1 1/8 x 3/8	1 1/2 x 1/2	1 7/8 x 1 3/8	2 3/8 x 7/8	2
5/16 x 1/16	3/4 x 9/16	1 1/8 x 7/16	1 1/2 x 9/16	1 7/8 x 1 1/2	2 3/8 x 1	2
5/16 x 1/8	13/16 x 1/8	1 1/8 x 1/2	1 1/2 x 5/8	2 x 1/4	2 3/8 x 1 1/8	2
5/16 x 3/16	13/16 x 3/16	1 1/8 x 9/16	1 1/2 x 11/16	2 x 3/8	2 3/8 x 1 1/4	2
3/8 x 1/16	13/16 x 1/4	1 1/8 x 5/8	1 1/2 x 3/4	2 x 1/2	2 3/8 x 1 3/8	3
3/8 x 1/8	13/16 x 5/16	1 1/8 x 11/16	1 1/2 x 13/16	2 x 5/8	2 3/8 x 1 1/2	3
3/8 x 3/16	13/16 x 3/8	1 1/8 x 3/4	1 1/2 x 7/8	2 x 3/4	2 3/8 x 1 5/8	3
3/8 x 1/4	13/16 x 7/16	1 1/8 x 13/16	1 1/2 x 15/16	2 x 7/8	2 3/8 x 1 3/4	3
7/16 x 1/8	13/16 x 1/2	1 1/8 x 7/8	1 1/2 x 1	2 x 1	2 3/8 x 1 7/8	3
7/16 x 3/16	13/16 x 9/16	1 1/4 x 1/4	1 1/2 x 1 1/16	2 x 1 1/8	2 3/8 x 2	3
7/16 x 1/4	13/16 x 5/8	1 1/4 x 5/16	1 1/2 x 1 1/8	2 x 1 1/4	2 1/2 x 1/2	3
7/16 x 5/16	7/8 x 1/8	1 1/4 x 3/8	1 1/2 x 1 3/16	2 x 1 3/8	2 1/2 x 5/8	3
1/2 x 1/16	7/8 x 3/16	1 1/4 x 7/16	1 1/2 x 1 1/4	2 x 1 1/2	2 1/2 x 3/4	3
1/2 x 1/8	7/8 x 1/4	1 1/4 x 1/2	1 5/8 x 1/4	2 x 1 5/8	2 1/2 x 7/8	3
1/2 x 3/16	7/8 x 5/16	1 1/4 x 9/16	1 5/8 x 3/8	2 x 1 3/4	2 1/2 x 1	3
1/2 x 1/4	7/8 x 3/8	1 1/4 x 5/8	1 5/8 x 1/2	2 1/8 x 1/2	2 1/2 x 1 1/8	3
1/2 x 5/16	7/8 x 7/16	1 1/4 x 11/16	1 5/8 x 5/8	2 1/8 x 5/8	2 1/2 x 1 1/4	3
1/2 x 3/8	7/8 x 1/2	1 1/4 x 3/4	1 5/8 x 3/4	2 1/8 x 3/4	2 1/2 x 1 3/8	3
9/16 x 1/8	7/8 x 9/16	1 1/4 x 13/16	1 5/8 x 7/8	2 1/8 x 7/8	2 1/2 x 1 1/2	3
9/16 x 3/16	7/8 x 5/8	1 1/4 x 7/8	1 5/8 x 1	2 1/8 x 1	2 1/2 x 1 5/8	3
9/16 x 1/4	15/16 x 1/8	1 1/4 x 15/16	1 5/8 x 1 1/8	2 1/8 x 1 1/8	2 1/2 x 1 3/4	3
9/16 x 5/16	15/16 x 3/16	1 1/4 x 1	1 5/8 x 1 1/4	2 1/8 x 1 1/4	2 1/2 x 1 7/8	3
9/16 x 3/8	15/16 x 1/4	1 3/8 x 1/4	1 3/4 x 1/4	2 1/8 x 1 3/8	2 1/2 x 2	3
5/8 x 1/8	15/16 x 5/16	1 3/8 x 5/16	1 3/4 x 3/8	2 1/8 x 1 1/2	2 5/8 x 1	3
5/8 x 3/16	15/16 x 3/8	1 3/8 x 3/8	1 3/4 x 1/2	2 1/8 x 1 5/8	2 5/8 x 1 1/4	3
5/8 x 1/4	15/16 x 1/2	1 3/8 x 7/16	1 3/4 x 5/8	2 1/8 x 1 3/4	2 5/8 x 1 1/2	3
5/8 x 5/16	15/16 x 9/16	1 3/8 x 1/2	1 3/4 x 3/4	2 1/4 x 1/2	2 5/8 x 1 3/4	3
5/8 x 3/8	15/16 x 5/8	1 3/8 x 9/16	1 3/4 x 7/8	2 1/4 x 5/8	2 5/8 x 2	4
5/8 x 7/16	15/16 x 11/16	1 3/8 x 5/8	1 3/4 x 1	2 1/4 x 3/4	2 5/8 x 2 1/4	4
11/16 x 1/8	1 x 1/4	1 3/8 x 11/16	1 3/4 x 1 1/8	2 1/4 x 7/8	2 3/4 x 1	4
11/16 x 3/16	1 x 5/16	1 3/8 x 3/4	1 3/4 x 1 1/4	2 1/4 x 1	2 3/4 x 1 1/4	4

## Diameter, ID/OD Tolerances and Minimum Wall

Outside Diameter	Tolerance +/- (Inches)		Minimum Wall
(Inches)	ID	OD	(Inches)
1 1/8 to 3 OD	+ .000-.125	+ .125-.000	3/8
Over 3 to 5 OD	+ .000-.187	+ .187-.000	3/8
Over 5 to 8 OD	+ .000-.250	+ .375-.000	3/8
Over 8 to 12 OD	+ .000-.375	+ .500-.000	1/2
Over 12 OD	Consult sales office.		
Standard Lengths 3", 6", 12", up to 18" Other lengths available.		Material Types: Virgin, Glass-fill, ENFLON® (filled PTFE), Super PTFE	
Range of Cylinder Dimensions			
ID		OD	
1/2" to 30 1/4"		1 1/8" to 34 1/2"	