

PTFE

Product Information



Material PTFE pure / Teflon virginal

The plastic with the highest resistance to chemicals and extremely low adhesion, Teflon / PTFE is a soft sintered material with a low level of mechanical resistance. Its most important properties are: resistance to almost all chemicals, very high continuous service temperature, 260 °C flame retardance, low coefficient of friction, extremely low adhesion, low strength and hardness and high frictional wear.

Other designations:

Teflon, PTFE, Teflon virginal, PTFE pure

PTFE can be supplied in the following modifications:

- PTFE Mod. 15% glass
- PTFE Mod. 15% graphite
- PTFE Mod. 15% coal
- PTFE Mod. 25% glass
- PTFE Mod. 25% coal
- PTFE Mod. 5% glass + 10% graphite
- PTFE Mod. 5% glass + 10% coal

Standard colour:

Natural

Areas of application:

- Seals, coatings or plain bearings
(if a low frictional resistance is required, but no wear stress occurs)

PTFE

Product Charts



Sheets

Sheets PTFE	Thickness mm	Weight kg/item	Availability
1000 x 1000 mm	5	12.00	S
	6	14.40	S
	8	19.20	S
	10	24.00	S
	12	28.80	S
	15	36.00	S
	20	48.00	S
	25	60.00	S
	30	72.00	S
	35	84.00	S
	40	96.00	S
	45	108.00	S
	50	120.00	S
	55	132.00	S
	60	144.00	S
	70	168.00	S
80	192.00	S	
90	216.00	S	
100	240.00	S	

Sheets PTFE	Thickness mm	Weight kg/item	Availability
1200 x 1200 mm	5	17.28	MTO
	6	20.74	MTO
	8	27.65	MTO
	10	34.56	MTO
	12	41.47	MTO
	15	51.84	MTO
	20	69.12	MTO
	25	86.40	MTO
	30	103.68	MTO
	35	120.96	MTO
	40	138.24	MTO
	45	155.52	MTO
	50	172.80	MTO
	55	190.08	MTO
	60	207.36	MTO
	70	241.92	MTO
80	276.48	MTO	
90	311.04	MTO	
100	345.60	MTO	

Sheets PTFE	Thickness mm	Weight kg/item	Availability
1500 x 1500 mm	8	43.20	MTO
	10	54.00	MTO
	12	64.80	MTO
	15	81.00	MTO
	20	108.00	MTO
	30	162.00	MTO
	40	216.00	MTO
	50	270.00	MTO

Sheets PTFE	Thickness mm	Weight kg/item	Availability
2000 x 1000 mm	6	28.80	S
	8	38.40	S
	10	48.00	S
	12	57.60	S
	15	72.00	S
	20	96.00	S
	25	120.00	S
	30	144.00	S
	40	192.00	S

PTFE is billed according to actual delivery weight.

PTFE

Product Charts

Skived sheets



Skived sheets PTFE	Thickness mm	Weight kg/item	Availability
1000 x 1000 mm	0.5	1.15	MTO
	1	2.30	MTO
	2	4.60	MTO
	3	6.90	MTO
	4	9.20	MTO

Skived sheets PTFE	Thickness mm	Weight kg/item	Availability
1200 x 1200 mm	0.5	1.66	MTO
	1	3.31	MTO
	2	6.62	MTO
	3	9.94	MTO
	4	13.25	MTO

Skived sheets PTFE	Thickness mm	Weight kg/item	Availability
1500 x 1500 mm	1	5.18	MTO
	2	10.35	MTO
	3	15.53	MTO
	4	20.70	MTO

Skived sheets PTFE	Thickness mm	Weight kg/item	Availability
2000 x 1000 mm	1	4.60	MTO
	2	9.20	MTO
	3	13.80	MTO
	4	18.40	MTO

Round Bars



Round Bars PTFE	Ø mm	Weight kg/item L = 1000 mm	Availability
	10	0.18	S
	15	0.41	S
	20	0.72	S
	25	1.13	S
	30	1.62	S
	35	2.21	S
	40	2.89	S
	45	3.66	S
	50	4.51	S
	55	5.46	S
	60	6.50	S
	65	7.63	S
	70	8.85	S
	75	10.16	S
	80	11.56	S
	85	13.04	S
	90	14.62	S
	95	16.29	S
	100	18.06	S
	110	21.85	S
	120	26.00	S
	130	30.51	S
	140	35.39	S
	150	40.62	S
	160	46.22	S

PTFE is billed according to actual delivery weight.

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