

TICOPTFE, China military designated suppliers, focus on manufacturing and supplying various of PTFE parts and products 11 years .

Basic Information



PTFE ball is a unique product.

It has many advantages in applications where metals or alloys can not be used.

Broad operating temperature ($-180^{\circ}\text{C} \sim +260^{\circ}\text{C}$)

Chemical inertness to most corrosive liquids or gases

Extremely low coefficient of friction.

PTFE balls are highly functional in self lubricating conditions such as ball bearings.

In the fluid handling industry PTFE balls are used in ball valves that have contact with extremely corrosive liquids.

The PTFE ball has reduced maintainance costs and man hours in the field by eliminating the replacement of valve components subjected to corrosive environments.

Density	Using Temperature	Melting Point	Hardness	Tensile Strength	Flexural Strength	Coefficient of Friction	Water Absorption	Dielectric Constant
2.1-2.3g/cm3	$-180^{\circ}\text{C} \sim 260^{\circ}\text{C}$	327°C	55D	2990-4970 psi	2490 psi	0.1~0.3	24 hr 0.01%	2.1

Specification

1) Material:PTFE

2) Diameter:3~100mm

Special specifications can be customized according to your request.

Surface:

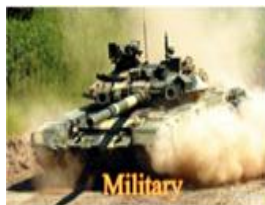
A. flat and tidy

B. no defects of crevices layers and separation

C.The best precision is 0.01mm.

D.In the fluid handling industry, PTFE balls are used in ball valves that have contact with extremely corrosive liquids.

Application



Why Us

Business advantage

1. Focus on production and supply of PTFE components and products
2. 11 years experience in PTFE production and processing
3. 26 years of technical experience precipitation
4. 6 years experience of export services
5. Military designated suppliers
6. Service experience in many industries and areas
7. Long-term stable cooperation with customers in 27 countries



Quality products:

1. Competitive factory price
2. 100% Virgin material to ensure quality
3. Free samples available
4. SGS Standard Certification
5. CNC Custom processing
6. Safe package suit for Air shipment and sea shipment



Professional service:

1. 6 years experience of export services
2. Service for 45 countries and more than 1500 clients
3. Flexible MOQ
4. Delivery on time
5. 7*24 hours quick response
6. Promise change the product In case of quality problems