

APSOplast® PTFE N100



Capable of rising to any challenge with know-how, state-of-the-art materials and in a wide variety of shapes – with APSOplast® Engineering Plastics Technology Angst+Pfister offers one of the largest assortments of semi-finished products – standard shapes and cut-to-size – with immediate availability in Europe, finished parts manufactured according to customer specifications and special articles parts and plastic protection elements.

The main industry for the use of PTFE N100 is food and beverage. The primary objective in the food production and packaging industry is to deliver high quality, healthy and safe products. This highly regulated market requires compliance with international standards and can quickly become a major threat to the company if these standards are not met. Product recalls can and have led to worst-case scenarios for producers.

Angst+Pfister offers high-quality engineering plastic components which meet these requirements, such as sliding elements and guides etc., sealing elements such as flat seals and wipers etc., electrical insulating parts in the high-frequency or high-voltage range as well as non-stick coating in food and filling plants.

Recommended material is PTFE N100. The use of PTFE N100 is particularly suitable for these conditions, especially since it is equipped with the necessary certifications, has excellent resistance to very high and very low temperatures, has an extremely low coefficient of sliding friction, an anti-adhesive surface, is exceptionally resistant to chemicals, shows very good dielectric behaviour and is weatherproof.



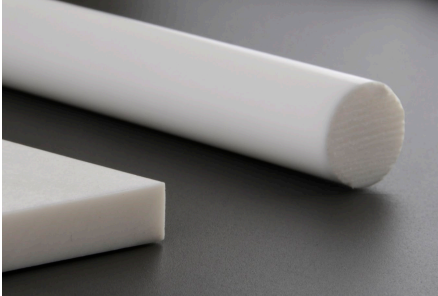
Certified to
NSF/ANSI 61

Contact

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Benefits

- Listed and approved by NSF/ANSI 61, Drinking Water System Components – Health Effects.
- Additionally, compliance with common European drinking water approvals
- Certified for Sealing Materials in cold water with a testing temperature of up to +23°C and commercial hot water with a testing temperature of up to +82°C.
- Extremely low coefficient of sliding friction and anti-adhesive surface
- Exceptionally resistant to chemicals
- Traceable



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EC No.1935:2004



Features

- Density: 2.18 g/cm³
- Colour: natural (white)
- Working temperature: from -200 to +260 °C
- Working temperature short-term: +280 °C

Available dimensions

- Plates 1200 x 1200 mm, from 1 to 50 mm
- Rods from Ø4 to Ø180 mm:
 - » Ø4 – 120 mm, length: 2000 mm (ram extruded)
 - » Ø140 – 180 mm, length: 300 mm (pressed and sintered)

Approvals

- ACS
- DVGW W270
- EC No.1935:2004; EU 10-2011; on plastic materials and articles to come in contact with foodstuff.
- FDA 21 CFR 177.1550; Perfluorcarbon Resins of the Food and Drug Administration.
- KTW
- NSF/ANSI 61, Drinking Water System Components – Health Effects.
- WRAS (BS 6920-1)

Cut-to-size service and preliminary machining

High-performance computerized cutting equipment guarantees precision cutting to size and angle in accordance with customer specifications. State-of-the-art sawing, planing and molding machines enable customized preliminary machining of the blanks, which can then be efficiently further processed or finished by the customer. This also eliminates costly warehousing for customers and spares them the trouble and expense of having to dispose of offcuts or swarf. With our cut-to-size configurator, you can also easily calculate and order custom-cut plastic plates from our APSOparts® online shop at www.apsoparts.com.

