

Fluoroplastic Details for Your Specific Needs

Are you looking for a reliable supplier of machined parts in fluoroplastics? A supplier who can offer machined parts for every situation where demands on high temperature, low friction, chemical resistance is a matter of course? Within Machined Parts every product is unique and demands a unique manufacturing. After 50 years in the business we have a great experience in a variety of materials, such as PTFE combined with glass, carbon, bronze, steel and molybdenum. Since our products are being used in demanding surroundings we work with continuous quality controls and have high demands on our raw materials.

Our machined parts have superior chemical resistance and works in a wide temperature interval compared to other plastic materials. Other distinguishing features is the very low friction combined with excellent isolating and electrical properties. Since our products and machined parts is made from PTFE they also are easy to clean due to low adhesion ability. Moreover our products do not degrade by ultraviolet radiation, does not age and does not, according to UL-V0, burn.

Customer First

In all our business, from manufacturing to technical support, Habia Teknofluor guarantee our customer a service and quality satisfying their needs and wants. A guarantee you can trust – We are specialists in fluoroplastic products!

We deliver machined parts to customer all around the world. Our products are used in various industries, such as power and automation, automotive, chemical, food, medical, aerospace and defence industries.

Products of Habia Teknofluor are well suited for use in applications where no other solutions are good enough. Our machined parts are used in a wide range of environments including parts in heat exchangers, tank radar's, insulators, high-voltage switches, seat rings, cylinder and rollers.

Our flexibility is your strength!



Product Range



With a long tradition as manufacturer we have been able to develop unique craftsman knowledge about the material and its properties. In our manufacturing we press and sinter raw materials for further machining or shaping, for example with lathes or millers. Due to a very high flexibility in our machinery we have great potential to produce according to your specific demands and requests. Our developing unit can moreover assist our customer regarding drawings and choice of materials.

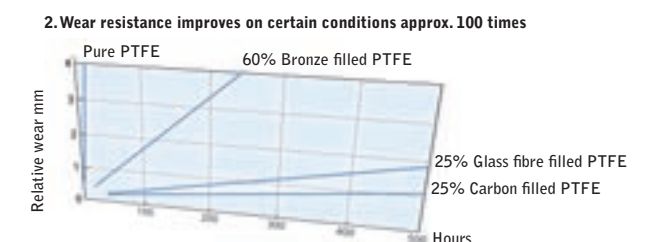
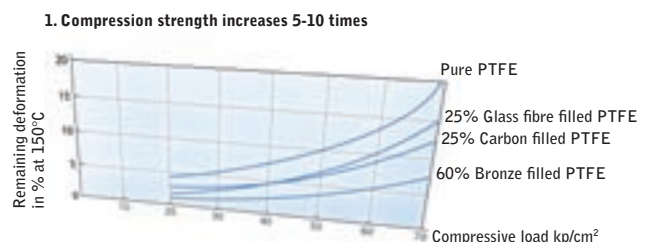
We manufacture a wide range of machined parts according to customer demands and drawings. Technical service, modern production equipment and a great experience contribute to an optimal result in each application. Together with very high competence this is why we are recognised as one of the leading manufacturer of machined parts in Europe.

Our flexibility is your strength!

Materials

Fluoroplastics, such as PTFE, offers a unique combination of properties. However, the pure PTFE material has some limitations such as a relatively large heat expansion, limited dimension stability at load as well as low wear durability.

These properties can be substantially improved by mixing inorganic, thermally stable materials, which endure a sintering temperature of approximate +380 degree Celsius. By means of these additives, the mechanical and technical properties may be adjusted to particular areas of use. By adding filling materials in PTFE, the following advantages can be attained:





Habia Teknofluor AB has developed and marketed high quality fluoroplastic products since 1954. After 50 years in the business we are recognised as one of Europe's leading manufacturer of fluoroplastic products. We produce a comprising range of tubes, high performance hoses, lined pipes and machined parts in various fluoroplastics, such as PTFE, PFA, FEP, ETFE and PVDF.

Our products are used in situations demanding the unique properties of fluoroplastics, for example with harsh and aggressive chemicals, high temperatures, strict demands on clean production facilities or other demanding environments. Our products are mainly used in chemical industry, automotive, aerospace, and food and medical industry.

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HABIA Teknofluor AB
SE-741 80 Knivsta
Sweden
Phone: +46 18 34 75 00
Fax: +46 18 34 75 75
www.habiateknofluor.se
info@habiateknofluor.se



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