



## APPLICATION NOTE

The following list may be used as a guide and gives common industrial fluids that are typically compatible, however, it is recommended to check the application fluid for compatibility with Polysulphone before use.

## COMPATIBLE FLUIDS FOR POLYSULPHONE

Acetic acid - Glacial Glycerol Acetic acid - 10% Heptane

Ammonia - 88 Hydrochloric acid 10%
Ammonium Hydroxide - 10% Hydrochloric acid conc.
Ammonium Chloride - 10% Hydrogen Peroxide

Aviation spirit Isopropanol
Benzene Iso-Octane
Benzoic acid Kerosene
Bleach Linseed oil

Brine Magnesium Sulphate

Butane Methanol Calcium Nitrate Motor oil

Calcium Hyphochlorite Nitric acid 10%
Carbon Tetrachloride Oils - Vegetable
Chromic acid Oxalic acid

Copper Sulphate Petroleum Ether

Creosote Potassium Hydroxide 10%
Cyclohexane Potassium Hydroxide 50%
Cyclohexane Silicono fluido

Cyclohexanol Silicone fluids
Detergent solutions Silver Nitrate
Diethylamine Soap solution
Diethyl Ether Sodium Chloride

Dioctyl Phthalate
Edible fats & oils
Ethanol 50%
Ethyl Alcohol
Ethylene Glycol
Ferric Chloride
Sodium Hydroxide 10%
Sulphuric acid 10%
Transformer oil
Turpentine
Varnish

melting or other deformations. Finally, perform a functional test of the sensor.

Formic acid White Spirit

Formaldehyde

This chemical compatibility list is not exhaustive and other fluids may be compatible with Polysulphone. It is recommended to test compatibility prior to application by submerging the tip and body threads into the desired fluid at the maximum opeartional temperature for a minimum of two weeks. Then check for signs of: cracking, crumbling, hazing

Water