

# Cladding, coating and sleeves

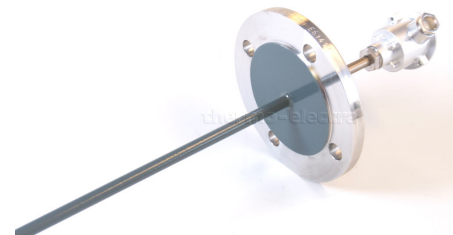
## Cladding

Corrosion resistant sleeves: thermowell sleeve made of tantalum (tantalum) or titanium fits over a standard stainless steel thermowell and offers an inexpensive way to protect the well against corrosion of highly corrosive chemical solutions and liquids.

Chemical resistant sleeves made of PTFE / PFA Teflon® give a very good resistance to almost all aggressive and / or chemical substances. Very good heat resistant and also gives cryogenic stability.

Chemical resistant coating: PTFE / PFA / Teflon® PVDF / Kynar® or Halar® coating offer the best resistance for nearly all chemicals. Wide range of temperatures from cryogenic to high temperatures.

Wear resistant top layer from: Deloro Stellite®, Eutalloy®, Inconel 625 Tungsten carbide Wear - resistant Chromium oxide (Cr<sub>2</sub>O<sub>3</sub>) Wear - resistant Alumina (Al<sub>2</sub>O<sub>3</sub>) as a top coat layer results in an excellent wear - resistant thermowell.



## Plastic Sleeves

Used for food and beverages, pharmaceutical, acid, caustic and electroplating applications.

Are made of tube, base and sheet material and then bonded together by "fusion" to come to a whole, wall thickness depends on the choice 0.5 to 1.5 mm thick, and then as "sleeve" around the stainless steel protection tube placed.

## Coating

### Metal sleeves

Used for food, pharmaceutical, acid, caustic and electroplating applications.

E-CTFE Halar -100°C / +200°C, Layer 500 tot 1000um. PFA Teflon -200°C / 260°C, layer 500 tot 1000um. PTFE Teflon -200°C / 250°C, layer standard 60um.

## Ordering code

\*This datasheet is purely indicative, build-up of model code may vary from this datasheet.

Model

Option