

# NON-CORRODABLE HEATING ELEMENTS

## Description

The Polaris fluoropolymer immersion heaters are designed for use where aggressive chemicals need to be heated to temperatures up to 100°C. All heaters have optimum chemical resistance against corrosion caused by chemicals such as nitric, hydrochloric, sulphuric and hydrofluoric acids, and are inert enough to be used where non-contamination is a requirement.

## Technical specifications

Power range: From 0.5kW to 18kW single or three phase.

Power density: 1W/cm<sup>2</sup>

Safety systems: Level detection (on request)  
Overheating protection (on request)

Certifications: UL, CE, BS EN ISO 60519/60335

## Benefits & application fields

### BENEFITS

- Completely non-corrodible
- Easy installation
- High thermal efficiency
- Unaffected by stray currents
- Maximum safety: grounded/earthing system
- Fully flexible cable
- Low watts density
- Range of power ratings & profiles
- Hanging brackets or standoff
- Antifouling
- Space saver

### APPLICATIONS

- Electroplating
- Electroless plating
- Anodizing
- Acid pickling
- Frost protection for chemical storage tanks
- Chemical processes
- Marine water tanks

