

## Type HP 60

60 °C



### Robust heater tarps for large surfaces

#### Applications:

Heating or temperature regulation of large surfaces and containers up to 60 °C, e.g. IBC containers, silos, lorries.

The heater tarp is warmed with electric heater elements sealed in coated polyester fabric. The tarp's surface is washable and spray waterproof (IP 65). It can optionally be ordered with a 5 mm thick layer of thermal insulation.

The shape of the HP 60 heater tarp can be individually adapted to container sizes; this includes both round and square openings. Options for fastening, by way of hooks, eyes and Velcro, make attachment easy.

The HP 60 heater tarp is rated to produce up to 500 Watt of heat per m<sup>2</sup>; depending on ambient temperature, this ensures a short warm-up time for the tarp. When a 3 Ph/Np power source is available, a connected load of up to 11 KW per tarp is possible.

<b>Operating temperature:</b>	max. 60°C
<b>Rated voltage:</b>	12 ... 500 V AC/DC (one, two, or three phase)
<b>Rated power:</b>	up to 500 W/m <sup>2</sup>
<b>Min. ambient temperature:</b>	+ 5°C
<b>Material:</b>	polyester fabric with PVC coating
<b>Dimensions:</b>	max. 3000 - 7000 mm
<b>Heater element thickness:</b>	5 mm
<b>Fastening options:</b>	hooks, eyes, velcro
<b>Temperature sensor (optional):</b>	PT100
<b>Connecting cable:</b>	3 m
<b>Plug connection:</b>	see table on page 84
<b>Protection grade:</b>	IP 65 (EN60529)
<b>Protection class:</b>	I

Sensors can be placed either in or on the heater tarp to monitor temperature or provide regulation. Especially effective is our HTI 16 integral electronic regulator/limiter combination which allows the heating conductors in the tarp to also act as probes; thus the heating tarp's limit temperature can be monitored while simultaneously regulating the temperature of the medium in the container precisely with a separate PT100 probe. Our temperature regulators can be found in Chapter 6.