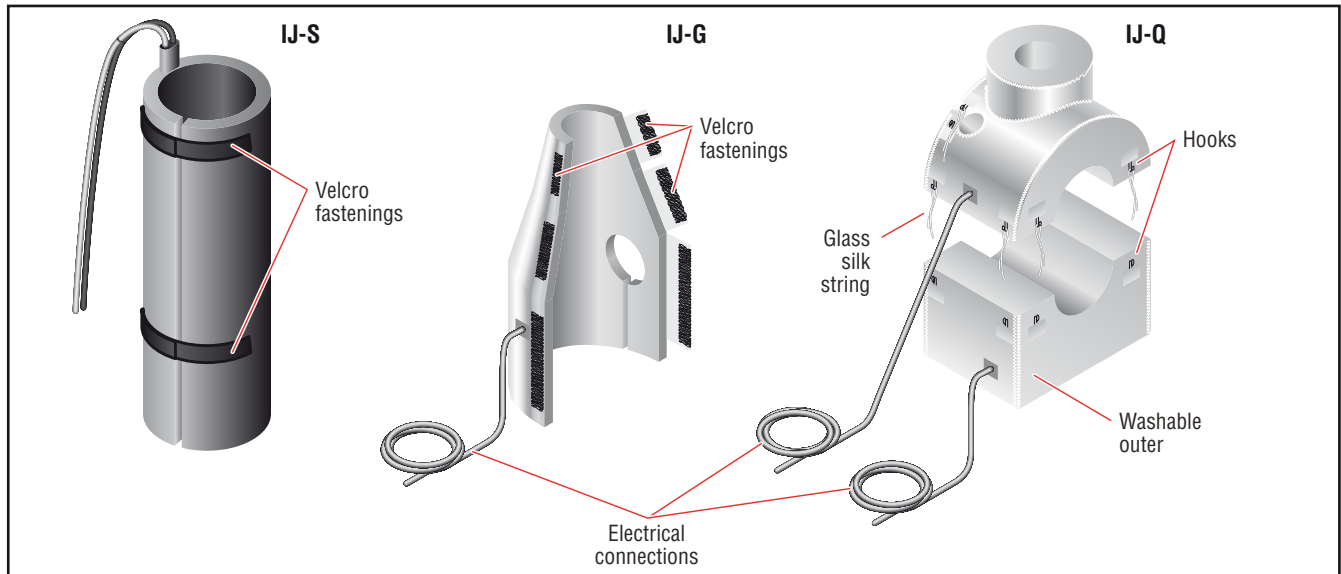


## Heating jackets

In our jacket heaters there are three components: a heater, the insulation for that heater, and the carrier for that assembly. The outer carriers on these

versions may be washable. Different shapes are manufactured to customer requirements and many attachment and fixing methods are available. A small

number of jacket versions are available with hazardous area approval.



	IJ-S	IJ-G	IJ-Q
<b>Area Specifications</b>			
Area classification	Nonhazardous, ordinary area	Nonhazardous, ordinary area	Nonhazardous, ordinary area
Ingress protection	IP65	IP20	IP20
Electrical protection class	Class II; Class I with metal sheath	See note	See note
Maximum withstand temperature (power off)	200°C	450°C	900°C
Note: These are components for further installation. The protective arrangements of Protection Class I or Class II must be followed during installation of the components and are the responsibility of the assembly company. Please refer to the manual for further information.			
<b>Heater Construction</b>			
Type	Resistance heating cable	Resistance heating cable	Resistance heating cable
Material	Various alloys	Various alloys	Various alloys
Material of insulation	Depending on design	Depending on design	Quartz-glass
Material of outer sheath	Silicone	Glass-silk with PTFE, Silicone or Aluminum coating	Quartz-glass
Thickness of thermal insulation	6 to 12 mm	10 to 100 mm	10 to 100 mm
<b>Temperature Control</b>			
Sensor type	PT100, Fe-CuNi/J or NiCr-Ni/K acc. to DIN	PT100, Fe-CuNi/J or NiCr-Ni/K acc. to DIN	NiCr-Ni Type K
<b>Technical Data</b>			
Frequency	50-60 Hz	50-60 Hz	50-60 Hz
Maximum operating voltage	400 Vac	240 Vac	240 Vac
Std. [Max.] area load	0,35 [0,7] W/cm <sup>2</sup>	0,4 [0,75] W/cm <sup>2</sup>	1,0 [1,5] W/cm <sup>2</sup>