

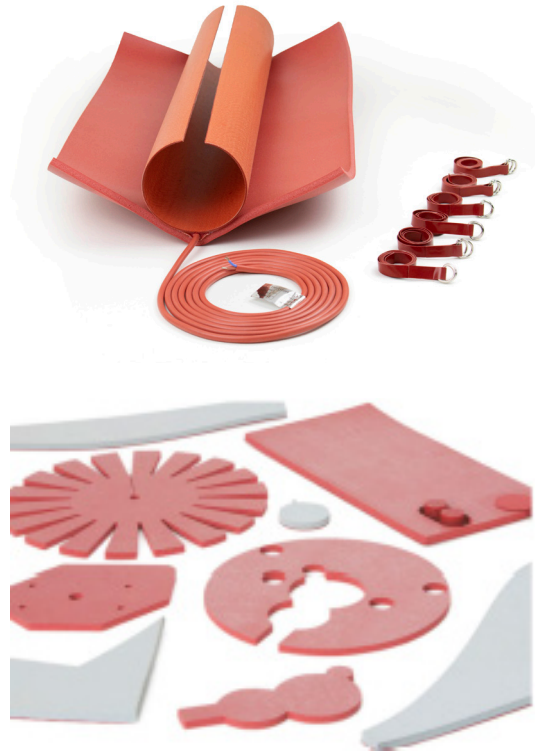
FLEKSIBLE VARMEMÅTTER



**SKUM
ISOLERING**

OVERVIEW:

Silicone rubber products have an excellent resistance to ozone, oxidation, UV light, corona discharge, cosmic radiation and weathering in general. However, Holroyd offer closed cell foam as an additional option with our silicone heaters for additional insulation. We stock 3, 5, 8 & 12mm thick foam, with 3 different colour options: red, grey & white. Our insulation foam provides a highly efficient barrier to help reduce heat losses in many applications. Adding foam to a heater negates the requirement of adding separate insulation cladding, and in house testing has shown significant energy savings averaging 63%.



MAIN POINTS:

- Temperature Range -60°C to 250°C
- Flame Retardant
- Low Water Absorption
- High Dust Ingress Protection
- Easy to Install
- Bonded To Heaters or Supplied Separately
- 5mm Double Sided Adhesive Option Available
- Available on HSSD's, Flat & Pre-formed Silicone Heaters
- Bespoke Shapes & Sizes



SPECIFICATIONS:

Flame retardant cellular silicone foam construction.

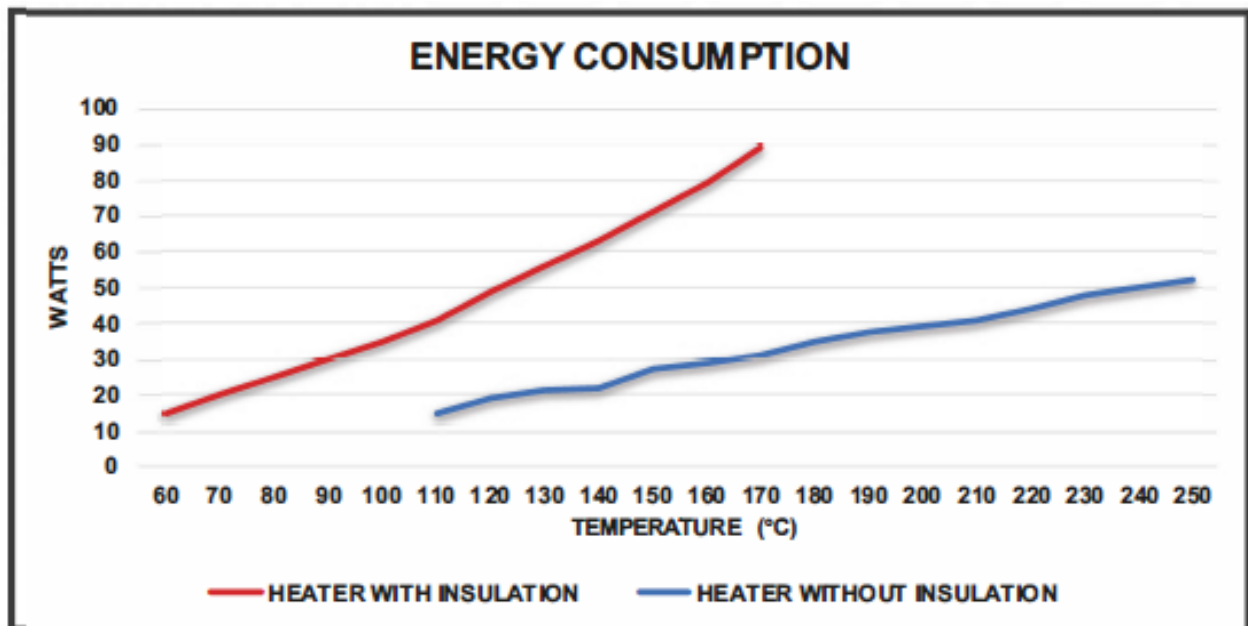
CLOSED CELL FOAM:

- Temperature range -60°C to 250°C
- Thermal conductivity $6.4 \times 10^{-2} \text{ w.m}^{-1}.\text{K}^{-1}$
- Brittle point: -80°C
- Limiting Oxygen Index: 24.0%
- Radiation Resistance: $>10^5$ Grays (10⁷ Rads) typical

	UNITS	SPEC LIMITS	TYPICAL VALUE
DENSITY	Kg.m-3 Lb.ft-3	200+/-40 12.5+/-2.5	195 12.2
HARDNESS	Shore OO Shore A	-	41.2 6.4
TENSILE STRENGTH	MPa Psi	0.4 MIN 58 MIN	0.43 62.4
ELONGATION TO FAILURE	%	15 MAX	208

APPLICATIONS:

- Temperature critical pipe line assemblies
- Gas or liquid pipeline
- Frost protection
- To reduce heat loss on valves, pumps and flanges where heating may not be possible or together with silicone heaters to improve heating efficiency



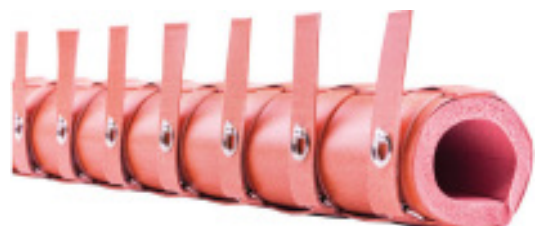
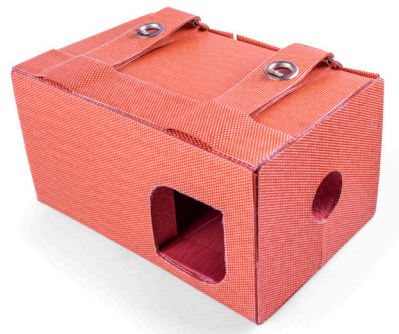
In house testing has shown that using insulation alongside our silicone heaters offers an average energy saving of 63%.
This is actual data taken from a heater on a steel pipe with no flow (in free air).

OVERVIEW:

We supply separate insulation pieces to complement our range of silicone heaters. With our material expertise and dedicated development, we offer bespoke pieces to suit 'T' sections, flanges and valves. As well as these shaped pieces we can offer straight sections up to 1 M in length, in standard sizes to suit pipe diameters from 38.1 mm (1.5") to 152.4mm (6"). Our insulation foam provides a highly efficient barrier to help reduce heat losses in many applications. In house testing has shown significant energy savings averaging 63%. Silicone rubber products have an excellent resistance to ozone, oxidation, UV light, corona discharge, cosmic radiation and weathering in general.

MAIN POINTS:

- Temperature Range -60°C to 250°C
- Flame Retardant
- Low Water Absorption
- High Dust Ingress Protection
- Supplied with Heaters or Supplied Separately
- Easy to Install
- Bespoke Shapes and Sizes



SPECIFICATIONS:

Flame retardant cellular silicone foam construction with robust glass reinforced silicone jacket. Nickel plated buckle, eyelet and hook fixing for simple installation, poppers can be an alternative option.

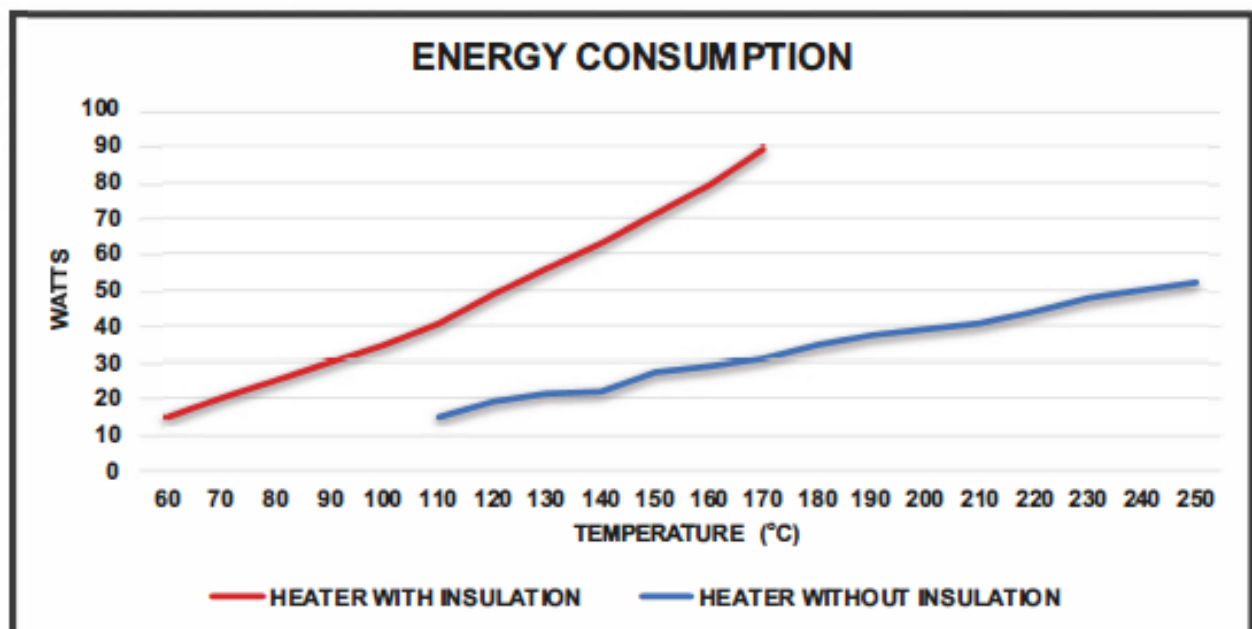
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- Brittle point: -80°C
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- Radiation Resistance: $>10^5$ Grays (10^7 Rads) typical

	UNITS	SPEC LIMITS	TYPICAL VALUE
DENSITY	Kg.m-3 Lb.ft-3	200+/-40 12.5+/-2.5	195 12.2
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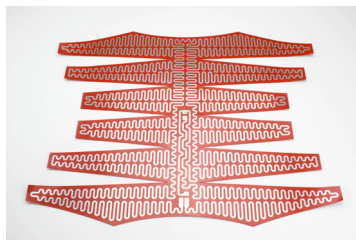


ELVARME

VORES PRODUKTSORTIMENT INKLUDERER:



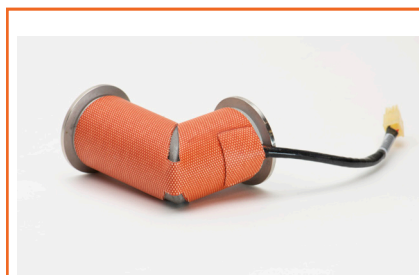
FIXINGS



ETCHED FOIL HEATERS



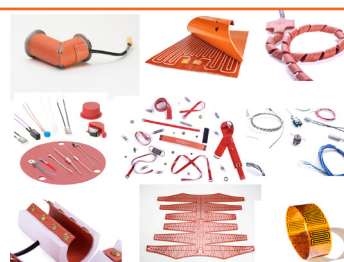
WIRE WOUND HEATERS



PREFORMED HEATERS



SPIRAL HEATERS



FLEKSIBLE VARMEMÅTTER

VI FØRER PRODUKTER INDENFOR KATEGORIERNE:



AUTOMATIK



**HVAC & BYGNINGS-
AUTOMATIK**



KØLEPROFILER

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