

GROUP 4 - Flexible heating elements

4.16 - Flexible heating blankets for curing composites with EASYSeal vacuum technology

NEW

SRV

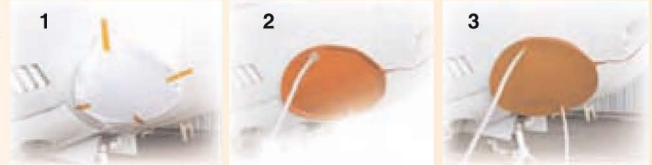
- Reusable flexible blanket and vacuum bag
- 2 years guarantee
- High flexibility
- Fast, efficient and uniform in heat production up to 232 °C
- Use on horizontal or vertical surfaces and also on complex surfaces without needing to replace the damage section.
- Compatible with the ACR-II system for temperature and vacuum control (consult our technical department for further information on the subject)



General characteristics

- The vacuum ports eliminate the need for vacuum packing materials.
- The sealing blanket added around the edge eliminate the need for adhesive tape
- Flexibility:
 - With sealing blanket: radius 76 mm
 - Without sealing blanket: radius 6 mm
- Laminated heating element between two non-reinforced layers of silicone rubber.
- Maximum exposure temperature: 232 °C
- Load density: 0.8 W/cm²
- Dielectric rigidity over 2000 V
- Resistant to damp, chemical products and radiation
- Pressure reliever constructed right around the edge of the blanket to increase durability.
- 1800mm long supply lead.
- Supply current: ~240 V ac

Easy installation in 3 steps



1. Prepare the surface to be repaired.
2. Place the vacuum heating blanket immediately on the surface.
3. Optionally add insulation on the blanket and carry out the curing.

Standardised rectangular models

Code	Dimensions In mm		Heating zone		Watts
	Width	Length	Width	Length	
SRV5-240-6X6-S-A	229	305	152	152	180
SRV5-240-6X12-S-A	229	457	152	305	360
SRV5-240-6X24-S-A	229	762	152	610	720
SRV5-240-8X8-S-A	279	356	203	203	320
SRV5-240-10X10-S-A	330	406	254	254	500
SRV5-240-12X12-S-A	381	457	305	305	720
SRV5-240-12X24-S-A	381	762	305	610	1440
SRV5-240-16X16-S-A	483	559	406	406	1280
SRV5-240-18X18-S-A	533	610	457	457	1620
SRV5-240-24X24-S-A	686	762	610	610	2880

Standardised round models

Code	Dimensions In mm	Heating zone	Watts
	Diameter	Diameter	
SRV5-240-6D-S-A	Ø152	Ø305	140
SRV5-240-8D-S-A	Ø203	Ø356	250
SRV5-240-10D-S-A	Ø254	Ø406	395
SRV5-240-12D-S-A	Ø305	Ø457	565
SRV5-240-16D-S-A	Ø406	Ø559	1005
SRV5-240-20D-S-A	Ø508	Ø660	1570
SRV5-240-24D-S-A	Ø610	Ø762	2270

GROUP 4 - Flexible heating elements

4.17 - Flexible high temperature heating blankets for curing composites

NEW

FGH / SXH

- Designed for working with the new high temperature thermoplastics and poliamides for composites.
- High flexibility, up to 25mm radius
- Compatible with the ACR-II system for temperature and vacuum control (consult our technical department for further information on the subject)

General characteristics

- Heating element with a 25mm layer of high-density fibre glass and covered with abrasion-proof fibre glass cloth (FGH models) or Samox ® material (SXH models)
- Maximum exposure temperature
 - FGH models: 425 °C
 - SXH models: 593 °C
- Load density:
 - FGH models: 1.1 W/cm²
 - SXH models: 2.0 W/cm²
- Dielectric rigidity over 2000V
- It requires a high temperature J type thermopar
- 1800mm long supply lead
- Supply current: ~240 Vac



Standardised FGH models (425 °C)

Code	Dimensions in mm		Watts
	Width	Length	
FGH-06x06-2--A	152	152	255
FGH-06x12-2--A	152	305	504
FGH-06x24-2--A	152	610	1008
FGH-08x08-2--A	203	203	448
FGH-10x10-2--A	254	254	700
FGH-12x12-2--A	305	305	1008
FGH-12x24-2--A	305	610	2016
FGH-16x16-2--A	406	406	1792
FGH-18x18-2--A	457	457	2268
FGH-24x24-2--A	610	610	4032

Standardised SXH models (593 °C)

Code	Dimensions in mm		Watts
	Width	Length	
SXH-06x06-2--A	152	152	468
SXH-06x12-2--A	152	305	936
SXH-06x24-2--A	152	610	1872
SXH-08x08-2--A	203	203	832
SXH-10x10-2--A	254	254	1300
SXH-12x12-2--A	305	305	1872
FGH-12x24-2--A	305	610	3744
FGH-16x16-2--A	406	406	3328
FGH-18x18-2--A	457	457	4212