



DESCRIPTION

091IHV

Insulating cases without protection for actuators for **PICV 91 series**. Suggested for heating systems.

Sandwich structure:

- external layer made by high density insulating material to make it hard;
- internal layer made by low density insulating material with high insulation performance.

Made by **2 shells** with **Velcro®**.

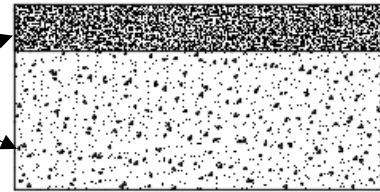
MATERIALS

Body (external layer)

Polyethylene cross linked foam, density 80 kg/m³

Body (internal layer)

Polyethylene cross linked foam, density 29 kg/m³



TECHNICALS CHARACTERISTICS OF INSULATION

	Standard	Insulation case	
		29	80
Density [Kg/m ³]	ISO 845	29	80
Compression stress (50% deflection) [kPa]	ISO 3386/1	88	260
Tensile strength longitudinal [Mpa]	ISO 1798	0.18	0.8
Extension longitudinal stretch [%]	ISO 1798	120 (at break)	170 (at break)
Residual distortion 22 h at 23°C [%] Deflection of 25% 24h after release	ISO 1856	13	1.5
Operating temperature range [°C]	-	-60/+90	-60/+90
Thermal conductivity [W/mK]	EN 12667	0.040	0.049
Fire resistance rating		1 – UNI9177	B2 – DIN4102
UL fire rating	UL94	HF-1	HF-2

Total shell thickness: 20 mm.

DIMENSIONS



Valve size	L	W	H	Weight [g]
91VL ½" / 91L ½" / 91H ½"	102	140	118	25
½" 91L ¾" / 91H ¾"	102	165	135	25

Dimensions in mm



DESCRIPTION

091ICV

Insulating cases with protection for actuators (thermoelectric and mechanics VA748_series) for **PICV 91 series**. Suggested for cooling systems.

Sandwich structure:

- external layer made by high density insulating material to make it hard;
- internal layer made by low density insulating material with high insulation performance.

Made by **2 shells** with **Velcro®**.

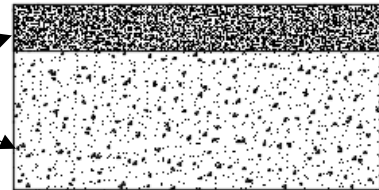
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DIMENSIONS



Valve size	L	W	H	Weight [g]
91VL ½" / 91L ½" / 91H ½" / 91L ¾" / 91H ¾"	102	140	195	43
91H 1"	102	165	195	40

Dimensions in mm