

DESCRIPTION

**092IHV**

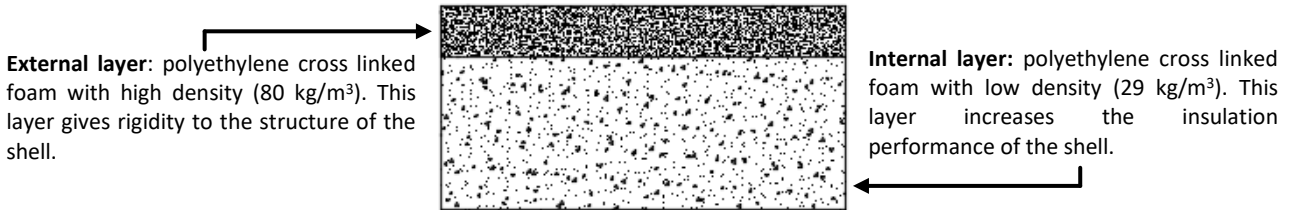


Thermal insulating shells classified according to UL for **Pettinaroli 92 series PICV**.

Made by **2 shells** joined with **Velcro®** (allowing multiple opening and closing) and realized with a **sandwich** structure (2 layers).

Version for **heating** applications (the actuator is not enclosed inside the shell).

MATERIALS

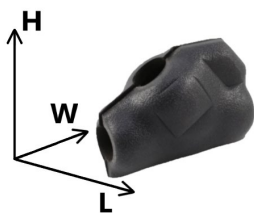


TECHNICAL FEATURES

	Standard	Insulation material		Unit of measure
Density	ISO 845	29	80	Kg/m <sup>3</sup>
Compression stress (50% deflection)	ISO 3386/1	88	260	kPa
Tensile longitudinal strength	ISO 1798	0,18	0,80	MPa
Extension longitudinal stretch	ISO 1798	120 (rupture)	170 (rupture)	%
Residual distortion 22h at 23°C	ISO 1856	13	1,5	%
Operating temperature range	-	-60÷90	-60÷90	°C
Thermal conductivity at 40°C	EN 12667	0,040	0,049	W/mK
Fire resistance	UL94	HF1	HF2	-

DIMENSIONS

The table below collects the available 092IHV thermal insulating shell models along with their dimensions in **mm** and weight in **g**:



Product code	Size	L	W	H	S*	Weight
6902010590C	½" x 150 l/h → ½" x 450 l/h	76	130	118	20	18
6902010600C	½" x 850 l/h → ¾" x 1850 l/h	96	128	102	20	23
6902010970C	1" x 2500 l/h → 1" x 3300 l/h	100	132	132	20	28
6902011250C	1 ¼" x 5200 l/h	120	200	130	20	49
6902011260C	1 ½" x 9000 l/h	140	165	135	20	38
6902011500C	2" x 14000 l/h	145	205	175	20	51

\*S = Shell thickness.



DESCRIPTION

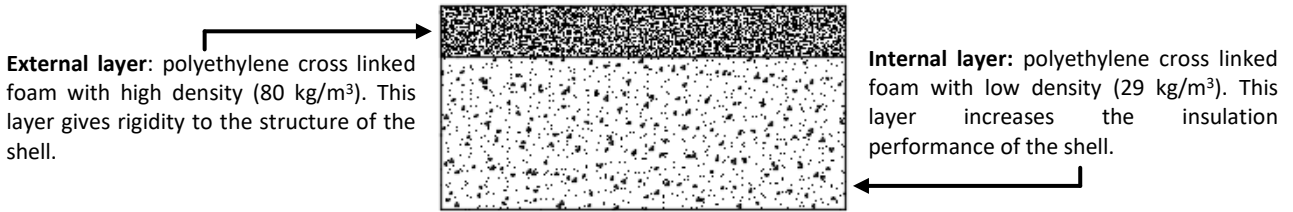
**092ICV**

Thermal insulating shells classified according to UL for **Pettinaroli 92 series PICV**.

Made by **2 shells** joined with **Velcro®** (allowing multiple opening and closing) and realized with a **sandwich** structure (2 layers).

Version for **cooling** applications (the actuator is enclosed inside the shell). Check the compatibility of the shell with the actuator.

MATERIALS

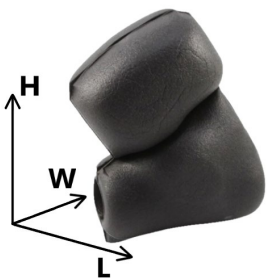


TECHNICAL FEATURES

	Standard	Insulation material		Unit of measure
Density	ISO 845	29	80	Kg/m <sup>3</sup>
Compression stress (50% deflection)	ISO 3386/1	88	260	kPa
Tensile longitudinal strength	ISO 1798	0,18	0,80	MPa
Extension longitudinal stretch	ISO 1798	120 (rupture)	170 (rupture)	%
Residual distortion 22h at 23°C	ISO 1856	13	1,5	%
Operating temperature range	-	-60÷90	-60÷90	°C
Thermal conductivity at 40°C	EN 12667	0,040	0,049	W/mK
Fire resistance	UL94	HF1	HF2	-

DIMENSIONS

The table below collects the available 092ICV thermal insulating shell models along with their dimensions in **mm** and weight in **g**:



Product code	Size	L	W	H	S*	Weight
6902010610C	½" x 150 l/h → ½" x 450 l/h	76	130	201	20	37
6902010620C	½" x 850 l/h → ¾" x 1850 l/h	96	128	206	20	41
6902011110C	1" x 2500 l/h → 1" x 3300 l/h	90	165	200	20	64

\*S = Shell thickness.

ACTUATORS COMPATIBILITY

Product code	Size	V5	A5	MT	VA	VM	RV	VT
6902010610C	½" x 150 l/h → ½" x 450 l/h	YES	YES*	NO	YES	NO	NO	NO
6902010620C	½" x 850 l/h → ¾" x 1850 l/h	YES	YES*	YES	YES	NO	NO	YES
6902011110C	1" x 2500 l/h → 1" x 3300 l/h	-	YES	-	YES	NO	NO	YES

\*Excluding versions with proportional control.