



DESCRIPTION

**093IHV**

Insulating cases for **PICV 93 series**.

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®**.

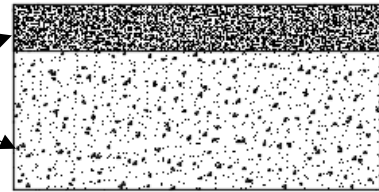
MATERIALS

**Body (external layer)**

Polyethylene cross linked foam, density 80 kg/m<sup>3</sup>

**Body (internal layer)**

Polyethylene cross linked foam, density 29 kg/m<sup>3</sup>



TECHNICALS CHARACTERISTICS OF INSULATION

|  | Standard   | Insulation case |                |
|--|------------|-----------------|----------------|
| Density [Kg/m <sup>3</sup> ]   | 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 [%]<br><small>Deflection of 25%<br/>24h after release</small> | 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] |
|----------------------------------|-----|-----|-----|------------|
| 93L 3/4" / 93H 3/4" / 93L 1"     | 120 | 180 | 150 | 45         |
| 93H 1" / 93L 1 1/4" / 93H 1 1/4" |     |     |     |            |

Dimensions in mm