

Vestone, 17.06.2022

## Declaration of Conformity

Valsir spa, located in Merlaro, nr.2, 25078 Vestone (Brescia – Italy) declares that the insulating materials applied to the Pexal and Mixal pipes are composed as follows:

### Insulating layer in expanded Low Density Polyethylene, closed cells

Nominal thickness:

6 mm (grey, blue, red)                      13 mm (grey, blue, red)  
10 mm (grey, blue, red)

Due to compression that occurs while rolling up the coils, the thickness of the insulation in the preinsulated coils could be thinner or with an irregular surface.  
This not causing any variation of the functionalities of these products, because the elastic memory of the composing chemicals guarantees that, as time goes by, the insulating layer itself recovers up to 90 % of the original shape.

Composition

CHEMICALS	PERCENTAGE
LDPE	80.70 %
Nucleant compound	3.50 %
Master colour	3.00 %
Flame retardant	10.00 %
Anti-collapsing additive	2.80 %

Density: 35 – 45 kg/m<sup>3</sup>

Temperature range: -30 °C to +95 °C

### Anti-scratching film LDPE

Composition

CHEMICALS	PERCENTAGE
LDPE	89.00 %
Flame retardant	10.00 %
Master colour	1.00 %

Measures:    minimum thickness    0.20 mm  
                  maximum thickness    0.30 mm

#### VALSIR S.p.A.

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Cap. Soc. €50.000.000 int. vers. - cod. fisc. e Reg. Imp. Brescia 02878210174 - P.IVA 00700170988

R.E.A. c.c.i.a.a. Bs 301171 - Mecc. Bs 001856

Soggetta all'attività di direzione e coordinamento da parte di FONDITAL GROUP S.p.A. - C.F. 02075160172



## Standard

- D.P.R. 447 6.12.1991
- D.P.R. 412 26.08.1993
- CE 2037/2000 European Parliament, non CFC and HCFC in the compound

## Laboratory tests

- CSE RF 2/75/A and RF 3/77 26.06.1984 classified as "Class 1" in fire resistance rank. In compliance to UNI 9177
- Thermal conductivity at 40°= 0.037 W/mK as resulting from the test 329431/9560/CPR
- Water vapour resistance to permeation of 5482 micron as resulting from the test 181/97

The conformity of the product is related to the total respect of the standards

Technical Department  
eng. Luca Bettini



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