

## TECHNICAL DATASHEET OF STONE WOOL PIPE SECTION "ISOLPIPE"

### 1. Physical and chemical characteristics

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|-----------------------------|----------------------------------|
| 1.1. Thickness range:       | <i>20 mm ÷ 100 mm</i>            |
| 1.2. Inside diameter range: | <i>ø18 mm ÷ ø356 mm</i>          |
| 1.3. Length:                | <i>1000 mm ± 1 %</i>             |
| 1.4. Density range:         | <i>80 kg/m<sup>3</sup> ± 10%</i> |
| 1.5. Thermal conductivity:  |                                  |

Temperature, °C	10	150	250	400	500	600	650
Thermal conductivity W/m.K	0,034	0,053	0,058	0,081	0,090	0,095	0,098

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|---|---|
| 1.6 Water leachable chloride content                | Chloride content < 10 ppm (AS - Quality)            |
| 1.7. Fire reaction <b>EN 13501</b> for mineral wool | <i>A1, Non-combustible</i>                          |
| 1.8. Maximum service temperature                    | <i>max. 650 °C</i>                                  |
| 1.9. Melting temperature                            | <i>&gt; 1000 °C</i>                                 |
| 1.10. Water absorption                              | <i>&lt;1 kg/m<sup>2</sup></i>                       |
| 1.11. Specific heat capacity                        | <i>0.084</i>  |
| 1.12. Facing  | pipe section could be with or without Aluminum foil |



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Product	Density	Thickness	D <sub>o</sub> Outside diameter	CE designation code	Declared thermal conductivity λ W/m.K	Reaction to fire	Application
ISOLPIPE	80 kg/m <sup>3</sup>	20-100 mm	Do > 150 mm	MW EN 14303-T9 (T8 if Do < 150mm) – ST (+650) °C-WS 0,050-MV 5	λ 10 = 0,0345	A1	Thermal insulation for external and internal pipes