

## Walraven IH126K Phenolic Insulation Block 20 mm Thick

(D1010)

for steel, copper and plastic pipe



### Features & benefits

- load bearing insulation ring for steel, copper and plastic pipe
- metal spreader plate recommended above 50 NB
- foil covered
- manufactured from High Density Phenolic Foam
- negligible water absorption
- does not contain CFC's and HCFC's
- K value 0.030 to 0.037 W/(mK) at 10 °C
- thermal conductivity determined by testing cylindrical specimen according to BS EN ISO 8497
- density: <111mm OD pipe, 60kgs/m<sup>3</sup>
- density: 111mm to 169mm OD pipe, 80kgs/m<sup>3</sup>
- density: >170mm OD pipe, 120kgs/m<sup>3</sup>
- temperature resistance from -50 °C to +110 °C

| Product Number   | Outside Pipe Diameter | DN     | Total Width x Total Height x Total Length | Material Thickness | Operating Temperature | Maximum Allowed Load Faz |
|------------------|-----------------------|--------|---|--------------------|-----------------------|--------------------------|
| Reference letter | D                     | D      | W x H x L                                 | MT                 |                       | F <sub>o,z</sub>         |
| Unit description | mm                    |        | mm x mm x mm                              | mm                 | CEL                   | N                        |
| 8901020015       | 15                    |        | 55 x 55 x 90                              | 20                 | -50 - 110             | 120                      |
| 8901020017       | 17                    | DN 10  | 57 x 57 x 90                              | 20                 | -50 - 110             | 136                      |
| 8901020020       | 20                    |        | 60 x 60 x 90                              | 20                 | -50 - 110             | 160                      |
| 8901020021       | 22                    | DN 15  | 61 x 61 x 90                              | 20                 | -50 - 110             | 176                      |
| 8901020024       | 25                    |        | 64 x 64 x 90                              | 20                 | -50 - 110             | 192                      |
| 8901020027       | 28                    | DN 20  | 67 x 67 x 90                              | 20                 | -50 - 110             | 224                      |
| 8901020030       | 30                    |        | 70 x 70 x 90                              | 20                 | -50 - 110             | 240                      |
| 8901020032       | 32                    |        | 72 x 72 x 90                              | 20                 | -50 - 110             | 256                      |
| 8901020034       | 35                    | DN 25  | 74 x 74 x 90                              | 20                 | -50 - 110             | 280                      |
| 8901020037       | 37                    |        | 77 x 77 x 90                              | 20                 | -50 - 110             | 296                      |
| 8901020040       | 40                    |        | 80 x 80 x 90                              | 20                 | -50 - 110             | 320                      |
| 8901020042       | 42                    | DN 32  | 82 x 82 x 90                              | 20                 | -50 - 110             | 337                      |
| 8911020048       | 48                    | DN 40  | 88 x 88 x 90                              | 20                 | -50 - 110             | 387                      |
| 8911020054       | 54                    |        | 94 x 94 x 90                              | 20                 | -50 - 110             | 433                      |
| 8911020060       | 60                    | DN 50  | 100 x 100 x 90                            | 20                 | -50 - 110             | 483                      |
| 8911020063       | 63                    |        | 103 x 103 x 90                            | 20                 | -50 - 110             | 505                      |
| 8911020066       | 66                    |        | 106 x 106 x 90                            | 20                 | -50 - 110             | 529                      |
| 8911020076       | 76                    | DN 65  | 116 x 116 x 90                            | 20                 | -50 - 110             | 609                      |
| 8911020089       | 89                    | DN 80  | 129 x 129 x 90                            | 20                 | -50 - 110             | 713                      |
| 8911020108       | 108                   |        | 148 x 148 x 90                            | 20                 | -50 - 110             | 865                      |
| 8911020114       | 114                   | DN 100 | 154 x 154 x 90                            | 20                 | -50 - 110             | 1,827                    |
| 8911020133       | 133                   |        | 173 x 173 x 90                            | 20                 | -50 - 110             | 2,131                    |
| 8911020140       | 139                   | DN 125 | 180 x 180 x 90                            | 20                 | -50 - 110             | 2,239                    |
| 8911220168       | 168                   | DN 150 | 208 x 208 x 125                           | 20                 | -50 - 110             | 2,692                    |
| 8911220219       | 219                   | DN 200 | 259 x 259 x 125                           | 20                 | -50 - 110             | 11,468                   |