

# KAIFLEX RT ST

Cevni nosilci



# BOSSPLAST

## ZASNOVANI ZA PREPREČEVANJE KONDENZACIJE IN IZGUBO ENERGIJE

Kaiflex RT-ST je večnamenski cevni nosilec za popolno izoliran prezračevalni ali hladilni sistem.

Izolirani cevni nosilec iz enega kosa je sestavljen iz PIR jedra, ki ima vgrajeno ST izolacijo prevlečeno s črno folijo za optimalno zaščito proti difuziji vodne pare. Skupaj z objemko ustrezne dimenzije tvori komplet, ki preprečuje nastanek toplotnih mostov na mestih obešanja. Tako kot izolacija Kaiflex ST, so tudi cevni nosilci Kaiflex RT-ST učinkovita rešitev za nastanek toplotnih mostov, pri čemer je tveganje za nastanek korozije majhen.

- Zanesljivo preprečevanje toplotnih mostov
- Vgrajena parna zapora
- Preprečevanje izgub energije
- Zanesljivo dolgoročno delovanje
- Enostavna namestitve

|                                    |                                                                                                                               |                                                    |                                                                                                                                    |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>Material</b>                    | Dva PIR elementa (brez CFC) na osnovi sintetičnega kavčuka                                                                    |                                                    |                                                                                                                                    |
| <b>Celična struktura</b>           | Izjemno fleksibilna zaprtocelična izolacija z velikim uporom proti difuziji vodne pare in izjemno nizko toplotno prevodnostjo |                                                    |                                                                                                                                    |
| <b>Barva</b>                       | Črna                                                                                                                          |                                                    |                                                                                                                                    |
| <b>Temperaturno območje (Maks)</b> | + 110 °C                                                                                                                      |                                                    |                                                                                                                                    |
| <b>Temperaturno območje (Min)</b>  | - 50 °C                                                                                                                       |                                                    |                                                                                                                                    |
| <b>Toplotna prevodnost</b>         | Glej Kaiflex ST                                                                                                               |                                                    |                                                                                                                                    |
| <b>Paroprepustnost</b>             | Koeficient upora proti difuziji vodne pare $\mu$                                                                              | glej Kaiflex ST<br>ni potrebna ločena parna zapora |                                                                                                                                    |
| <b>Požarna klasifikacija</b>       | Evrorazred                                                                                                                    | E                                                  | Testirano po DIN EN 13501-1                                                                                                        |
| <b>Gostota</b>                     | Jedro-PIR                                                                                                                     | Prostorninska masa 80 kg/m <sup>3</sup>            |                                                                                                                                    |
| <b>Druge lastnosti</b>             | Jedro-PIR<br>Temperatura skladiščenja<br>Delovna temperatura                                                                  | Brez FCKW<br>$\geq +10$ °C<br>$\geq +10$ °C        |                                                                                                                                    |
| <b>Skladiščenje</b>                | 1 leto                                                                                                                        |                                                    | Mora biti skladiščeno v suhem, čistem prostoru z normalno relativno vlažnostjo (50% fo 70%) in sobno temperaturo (0 °C do + 35 °C) |
| <b>Dovoljena odstopanja</b>        | Glej tabelo "Dovoljena odstopanja"                                                                                            |                                                    | V skladu z DIN EN 14304:2013-04                                                                                                    |

Opomba (1)

Pri temperaturah pod - 50 °C se posvetujte z našo tehnično službo

# KAIFLEX RT-ST

Samolepilni cevni nosilci, črna barva



| Bakrena<br>cev<br>Cu         | Jeklena cev<br>Fe" |                              | Plastika                     | Maks.<br>dovol-<br>jena<br>razdalja<br>m.<br>(v skla-<br>du z DIN<br>1988) | 13 mm<br>Debelina izolacije  |             |                | 19 mm<br>Debelina izolacije  |             |            |
|------------------------------|--------------------|------------------------------|------------------------------|----------------------------------------------------------------------------|------------------------------|-------------|----------------|------------------------------|-------------|------------|
| Zunanji<br>premer<br>ø<br>mm | Cole               | Zunanji<br>premer<br>ø<br>mm | Zunanji<br>premer<br>ø<br>mm |                                                                            | Zunanji<br>premer<br>ø<br>mm | Dimenzije   | kos/<br>karton | Zunanji<br>premer<br>ø<br>mm | Dimenzije   | kos/karton |
| 10,0                         | 1/8                | 10,2                         |                              | 2,00                                                                       | 36,0                         | RT-ST13x010 | 52             | 48,0                         | RT-ST19x010 | 32         |
| 12,0                         |                    | 12,5                         |                              | 2,00                                                                       | 38,0                         | RT-ST13x012 | 48             | 50,0                         | RT-ST19x012 | 28         |
| 15,0                         | 1/4                | 13,5                         |                              | 2,00                                                                       | 41,0                         | RT-ST13x015 | 40             | 53,0                         | RT-ST19x015 | 22         |
| 18,0                         | 3/8                | 17,2                         |                              | 2,25                                                                       | 44,0                         | RT-ST13x018 | 32             | 56,0                         | RT-ST19x018 | 20         |
| 22,0                         | 1/2                | 21,3                         |                              | 2,75                                                                       | 48,0                         | RT-ST13x022 | 32             | 60,0                         | RT-ST19x022 | 32         |
| 28,0                         | 3/4                | 26,9                         |                              | 3,00                                                                       | 54,0                         | RT-ST13x028 | 40             | 66,0                         | RT-ST19x028 | 24         |
| 35,0                         | 1                  | 33,7                         |                              | 3,50                                                                       | 61,0                         | RT-ST13x035 | 30             | 73,0                         | RT-ST19x035 | 38         |
| 42,0                         | 1 1/4              | 42,4                         |                              | 3,75                                                                       | 68,0                         | RT-ST13x042 | 46             | 80,0                         | RT-ST19x042 | 32         |
|                              | 1 1/2              | 48,3                         |                              | 4,25                                                                       | 74,0                         | RT-ST13x048 | 34             | 86,0                         | RT-ST19x048 | 28         |
| 54,0                         |                    | 54,0                         |                              | 4,25                                                                       | 80,0                         | RT-ST13x054 | 32             | 93,0                         | RT-ST19x054 | 48         |
| 57,0                         |                    | 57,0                         |                              | 4,25                                                                       | 83,0                         | RT-ST13x057 | 28             | 95,0                         | RT-ST19x057 | 48         |
|                              | 2                  | 60,3                         |                              | 4,75                                                                       | 86,0                         | RT-ST13x060 | 56             | 98,0                         | RT-ST19x060 | 44         |
| 64,0                         |                    | 63,5                         |                              | 4,75                                                                       | 92,0                         | RT-ST13x064 | 48             | 104,0                        | RT-ST19x064 | 40         |
| 70,0                         |                    | 70,0                         |                              | 4,75                                                                       | 98,0                         | RT-ST13x070 | 44             | 110,0                        | RT-ST19x070 | 30         |
| 76,1                         | 2 1/2              | 76,1                         |                              | 5,50                                                                       | 104,0                        | RT-ST13x076 | 40             | 116,0                        | RT-ST19x076 | 30         |
| 88,9                         | 3                  | 88,9                         |                              | 6,00                                                                       | 117,0                        | RT-ST13x089 | 30             | 129,0                        | RT-ST19x089 | 26         |
|                              | 3 1/2              | 101,6                        |                              | 6,00                                                                       | 130,0                        | RT-ST13x102 | 22             | 142,0                        | RT-ST19x102 | 22         |
| 108,0                        |                    | 108,0                        |                              | 6,00                                                                       | 136,0                        | RT-ST13x108 | 22             | 148,0                        | RT-ST19x108 | 18         |
| 114,0                        | 4                  | 114,3                        |                              | 6,00                                                                       | 144,0                        | RT-ST13x114 | 18             | 156,0                        | RT-ST19x114 | 16         |
| 133,0                        |                    | 133,0                        |                              | 6,00                                                                       | 163,0                        | RT-ST13x133 | 14             | 175,0                        | RT-ST19x133 | 12         |
|                              | 5                  | 139,7                        |                              | 6,00                                                                       | 170,0                        | RT-ST13x140 | 14             | 182,0                        | RT-ST19x140 | 12         |
| 159,0                        |                    | 160,0                        |                              | 6,00                                                                       | 190,0                        | RT-ST13x160 | 12             | 202,0                        | RT-ST19x160 | 8          |
| 168,0                        |                    | 168,3                        |                              | 6,00                                                                       | 196,0                        | RT-ST13x168 | 12             | 208,0                        | RT-ST19x168 | 8          |
|                              |                    | 219,1                        |                              | 6,00                                                                       | 247,0                        | RT-ST13x219 | 4              | 259,0                        | RT-ST19x219 | 4          |
|                              |                    | 273,0                        |                              | 6,00                                                                       | 301,0                        | RT-ST13x273 | 4              | 313,0                        | RT-ST19x273 | 2          |

IZOLACIJA

Dolžina cevi: <133 mm:50 mm - ≥133 mm: 100 m

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Samolepilni cevni nosilci, črna barva



| Bakrena<br>cev<br>Cu         | Jeklena cev<br>Fe" |                              | Plastika                     | Maks.<br>dovol-<br>jena<br>razdalja<br>m.<br>(v skla-<br>du z DIN<br>1988) | 25 mm<br>Debelina izolacije  |             |                | 32 mm<br>Debelina izolacije  |             |            |
|------------------------------|--------------------|------------------------------|------------------------------|----------------------------------------------------------------------------|------------------------------|-------------|----------------|------------------------------|-------------|------------|
| Zunanji<br>premer<br>ø<br>mm | Cole               | Zunanji<br>premer<br>ø<br>mm | Zunanji<br>premer<br>ø<br>mm |                                                                            | Zunanji<br>premer<br>ø<br>mm | Dimenzije   | kos/<br>karton | Zunanji<br>premer<br>ø<br>mm | Dimenzije   | kos/karton |
| 10,0                         | 1/8                | 10,2                         |                              | 2,00                                                                       | 60,0                         | RT-ST25x010 | 32             | 74,0                         | RT-ST32x010 | 18         |
| 12,0                         |                    | 12,5                         |                              | 2,00                                                                       | 62,0                         | RT-ST25x012 | 28             | 76,0                         | RT-ST32x012 | 18         |
| 15,0                         | 1/4                | 13,5                         |                              | 2,00                                                                       | 65,0                         | RT-ST25x015 | 24             | 79,0                         | RT-ST32x015 | 18         |
| 18,0                         | 3/8                | 17,2                         |                              | 2,25                                                                       | 68,0                         | RT-ST25x018 | 24             | 82,0                         | RT-ST32x018 | 28         |
| 22,0                         | 1/2                | 21,3                         |                              | 2,75                                                                       | 72,0                         | RT-ST25x022 | 38             | 86,0                         | RT-ST32x022 | 24         |
| 28,0                         | 3/4                | 26,9                         |                              | 3,00                                                                       | 78,0                         | RT-ST25x028 | 32             | 92,0                         | RT-ST32x028 | 24         |
| 35,0                         | 1                  | 33,7                         |                              | 3,50                                                                       | 85,0                         | RT-ST25x035 | 26             | 99,0                         | RT-ST32x035 | 18         |
| 42,0                         | 1 1/4              | 42,4                         |                              | 3,75                                                                       | 92,0                         | RT-ST25x042 | 22             | 106,0                        | RT-ST32x042 | 40         |
|                              | 1 1/2              | 48,3                         |                              | 4,25                                                                       | 98,0                         | RT-ST25x048 | 44             | 112,0                        | RT-ST32x048 | 30         |
| 54,0                         |                    | 54,0                         |                              | 4,25                                                                       | 104,0                        | RT-ST25x054 | 40             | 118,0                        | RT-ST32x054 | 30         |
| 57,0                         |                    | 57,0                         |                              | 4,25                                                                       |                              |             |                | 121,0                        | RT-ST32x057 | 28         |
|                              | 2                  | 60,3                         |                              | 4,75                                                                       | 110,0                        | RT-ST25x060 | 36             | 124,0                        | RT-ST32x060 | 26         |
| 64,0                         |                    | 63,5                         |                              | 4,75                                                                       | 116,0                        | RT-ST25x064 | 30             | 130,0                        | RT-ST32x064 | 24         |
| 70,0                         |                    | 70,0                         |                              | 4,75                                                                       | 122,0                        | RT-ST25x070 | 28             | 136,0                        | RT-ST32x070 | 22         |
| 76,1                         | 2 1/2              | 76,1                         |                              | 5,50                                                                       | 128,0                        | RT-ST25x076 | 24             | 142,0                        | RT-ST32x076 | 22         |
| 88,9                         | 3                  | 88,9                         |                              | 6,00                                                                       | 141,0                        | RT-ST25x089 | 22             | 155,0                        | RT-ST32x089 | 16         |
|                              | 3 1/2              | 101,6                        |                              | 6,00                                                                       |                              |             |                | 168,0                        | RT-ST32x102 | 12         |
| 108,0                        |                    | 108,0                        |                              | 6,00                                                                       | 160,0                        | RT-ST25x108 | 16             | 174,0                        | RT-ST32x108 | 12         |
| 114,0                        | 4                  | 114,3                        |                              | 6,00                                                                       | 168,0                        | RT-ST25x114 | 12             | 182,0                        | RT-ST32x114 | 12         |
| 133,0                        |                    | 133,0                        |                              | 6,00                                                                       | 187,0                        | RT-ST25x133 | 12             | 201,0                        | RT-ST32x133 | 8          |
|                              | 5                  | 139,7                        |                              | 6,00                                                                       | 194,0                        | RT-ST25x140 | 12             | 208,0                        | RT-ST32x140 | 8          |
| 159,0                        |                    | 160,0                        |                              | 6,00                                                                       | 214,0                        | RT-ST25x160 | 8              | 228,0                        | RT-ST32x160 | 6          |
| 168,0                        |                    | 168,3                        |                              | 6,00                                                                       | 220,0                        | RT-ST25x168 | 6              | 234,0                        | RT-ST32x168 | 6          |
|                              |                    | 219,1                        |                              | 6,00                                                                       | 271,0                        | RT-ST25x219 | 4              | 285,0                        | RT-ST32x219 | 4          |
|                              |                    | 273,0                        |                              | 6,00                                                                       | 325,0                        | RT-ST25x273 | 2              | 339,0                        | RT-ST32x273 | 2          |

Dolžina cevi: <133 mm:50 mm - ≥133 mm: 100 m

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