

Metal covering Energopack®

Description



Energopack® metal enclosures secure the insulating layer from mechanical damages, atmospheric impacts and ultra-violet radiation. Covers, tees, bends and end caps are made of galvanized steel. High durability, ease of installation and a considered range make these materials as much reliable and easy to handle as possible.



It is recommended to use Energopack® covers made of an aluminum sheet for the systems subject to aggressive environments impact (for example, at food, chemical productions, etc.).



Selection of metal covers shall begin with a choice of a standard size of bends. The rest elements of a metal coating are selected by diameter of the selected bend.

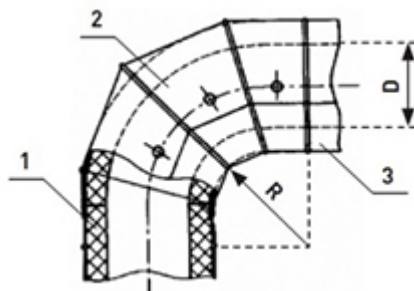


Range



Casings are made of galvanized steel* 0,5 mm thick.

Selection of casings begins with selection of bends.



D – diameter of the insulated pipeline
R – average radius of branch, chosen according to «Energopack® bends selection Table»

1 – insulation layer
2 – bend
3 – direct section

- Outer diameter of the insulated pipeline (D) is measured.
- Thickness of an insulation layer (1) is measured .
- According to the obtained data in the [Energopack® bends selection Table](#) the bend standard size with the corresponding average radius of a bend (R) is selected.
- Direct sections, tees and end caps approach diameter of bend.
- Elements of a casing are combined among themselves by means of a beading, then are fastened with self-tapping screws Energopack®.

- For transition to smaller diameter the end cap on which center the opening of the necessary size is cut out is used.

Range

| D, MM | Type of a casing | | | | | | | |
|----------|---------------------------|-------------|------------------|--------------|-----------------------------|-------------|-------------|--|
| | Casings for pipes L = 1 m | | Casings for tees | | Casings for bends 90° ** | End caps | | |
| | Designation | Article | Designation | Article | Designation | Designation | Article | |
| 70 | T-CT 70/05 | EPKT07005ST | TP-CT 70/05 | EPKTR07005ST | O-CT 70/05[R..] | 3-CT 70/05 | EPKZ07005ST | |
| 80 | T-CT 80/05 | EPKT08005ST | TP-CT 80/05 | EPKTR08005ST | O-CT 80/05[R..] | 3-CT 80/05 | EPKZ08005ST | |
| 90 | T-CT 90/05 | EPKT09005ST | TP-CT 90/05 | EPKTR09005ST | O-CT 90/05[R..] | 3-CT 90/05 | EPKZ09005ST | |
| 100 | T-CT 100/05 | EPKT10005ST | TP-CT 100/05 | EPKTR10005ST | O-CT 100/05[R..] | 3-CT 100/05 | EPKZ10005ST | |
| 110 | T-CT 110/05 | EPKT11005ST | TP-CT 110/05 | EPKTR11005ST | O-CT 110/05[R..] | 3-CT 110/05 | EPKZ11005ST | |
| 120 | T-CT 120/05 | EPKT12005ST | TP-CT 120/05 | EPKTR12005ST | O-CT 120/05[R..] | 3-CT 120/05 | EPKZ12005ST | |
| 130 | T-CT 130/05 | EPKT13005ST | TP-CT 130/05 | EPKTR13005ST | O-CT 130/05[R..] | 3-CT 130/05 | EPKZ13005ST | |
| 140 | T-CT 140/05 | EPKT14005ST | TP-CT 140/05 | EPKTR14005ST | O-CT 140/05[R..] | 3-CT 140/05 | EPKZ14005ST | |
| 150 | T-CT 150/05 | EPKT15005ST | TP-CT 150/05 | EPKTR15005ST | O-CT 150/05[R..] | 3-CT 150/05 | EPKZ15005ST | |
| 160 | T-CT 160/05 | EPKT16005ST | TP-CT 160/05 | EPKTR16005ST | O-CT 160/05[R..] | 3-CT 160/05 | EPKZ16005ST | |
| 170 | T-CT 170/05 | EPKT17005ST | TP-CT 170/05 | EPKTR17005ST | O-CT 170/05[R..] | 3-CT 170/05 | EPKZ17005ST | |
| 180 | T-CT 180/05 | EPKT18005ST | TP-CT 180/05 | EPKTR18005ST | O-CT 180/05[R..] | 3-CT 180/05 | EPKZ18005ST | |
| 190 | T-CT 190/05 | EPKT19005ST | TP-CT 190/05 | EPKTR19005ST | O-CT 190/05[R..] | 3-CT 190/05 | EPKZ19005ST | |
| 200 | T-CT 200/05 | EPKT20005ST | TP-CT 200/05 | EPKTR20005ST | O-CT 200/05[R..] | 3-CT 200/05 | EPKZ20005ST | |
| 210 | T-CT 210/05 | EPKT21005ST | TP-CT 210/05 | EPKTR21005ST | O-CT 210/05[R..] | 3-CT 210/05 | EPKZ21005ST | |
| 220 | T-CT 220/05 | EPKT22005ST | TP-CT 220/05 | EPKTR22005ST | O-CT 220/05[R..] | 3-CT 220/05 | EPKZ22005ST | |
| 230 | T-CT 230/05 | EPKT23005ST | TP-CT 230/05 | EPKTR23005ST | O-CT 230/05[R..] | 3-CT 230/05 | EPKZ23005ST | |
| 240 | T-CT 240/05 | EPKT24005ST | TP-CT 240/05 | EPKTR24005ST | O-CT 240/05[R..] | 3-CT 240/05 | EPKZ24005ST | |
| 250 | T-CT 250/05 | EPKT25005ST | TP-CT 250/05 | EPKTR25005ST | O-CT 250/05[R..] | 3-CT 250/05 | EPKZ25005ST | |
| 260 | T-CT 260/05 | EPKT26005ST | TP-CT 260/05 | EPKTR26005ST | O-CT 260/05[R..] | 3-CT 260/05 | EPKZ26005ST | |
| 270 | T-CT 270/05 | EPKT27005ST | TP-CT 270/05 | EPKTR27005ST | O-CT 270/05[R..] | 3-CT 270/05 | EPKZ27005ST | |
| 280 | T-CT 280/05 | EPKT28005ST | TP-CT 280/05 | EPKTR28005ST | O-CT 280/05[R..] | 3-CT 280/05 | EPKZ28005ST | |
| 290 | T-CT 290/05 | EPKT29005ST | TP-CT 290/05 | EPKTR29005ST | O-CT 290/05[R..] | 3-CT 290/05 | EPKZ29005ST | |
| 300 | T-CT 300/05 | EPKT30005ST | TP-CT 300/05 | EPKTR30005ST | O-CT 300/05[R..] | 3-CT 300/05 | EPKZ30005ST | |
| 310 | T-CT 310/05 | EPKT31005ST | TP-CT 310/05 | EPKTR31005ST | O-CT 310/05[R..] | 3-CT 310/05 | EPKZ31005ST | |
| 320 | T-CT 320/05 | EPKT32005ST | TP-CT 320/05 | EPKTR32005ST | O-CT 320/05[R..] | 3-CT 320/05 | EPKZ32005ST | |
| 330 | T-CT 330/05 | EPKT33005ST | TP-CT 330/05 | EPKTR33005ST | O-CT 330/05[R..] | 3-CT 330/05 | EPKZ33005ST | |
| 340 | T-CT 340/05 | EPKT34005ST | TP-CT 340/05 | EPKTR34005ST | O-CT 340/05[R..] | 3-CT 340/05 | EPKZ34005ST | |
| 350 | T-CT 350/05 | EPKT35005ST | TP-CT 350/05 | EPKTR35005ST | O-CT 350/05[R..] | 3-CT 350/05 | EPKZ35005ST | |

* Under the order production of casings of other standard sizes and forms, including from aluminum and stainless steel is possible.

** Selection of metal casings shall begin with a choice of a standard size of bends. The type of bend is selected according to «Energopack® bends selection Table» depending on the outer diameter of the isolated pipeline and thickness of insulation layer. .

Accessories



Self-tapping screws Energopack®

| | | | |
|------------------------------|---|--|-------------|
| | Special galvanized self-tapping screws Energopack® with a drill are used for the joining of Energopack® metal casings. A cross screwdriver HP 2 is used for the mounting. | | Article |
| | Object | Approximate expenditure of Energopack® self-tapping screws: | EPKSCREW150 |
| | Straight piping | 8 pcs. | |
| | Bend 90° | 2 pcs. per segment (quantity of segments from 4 to 6) | |
| | Tee | 8-16 pcs. (depending on a standard size) | |
| | Conic transition | 2-4 шт. (в зависимости от типоразмера) | |
| | End cap | 2 pcs. | |
| Quantity per package: | 150 pcs. | | |