

## 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.

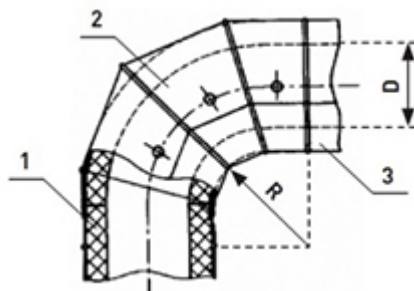


### Range



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	
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
	<b>Object</b>	<b>Approximate expenditure of Energopack® self-tapping screws:</b>	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.	
<b>Quantity per package:</b>	150 pcs.		