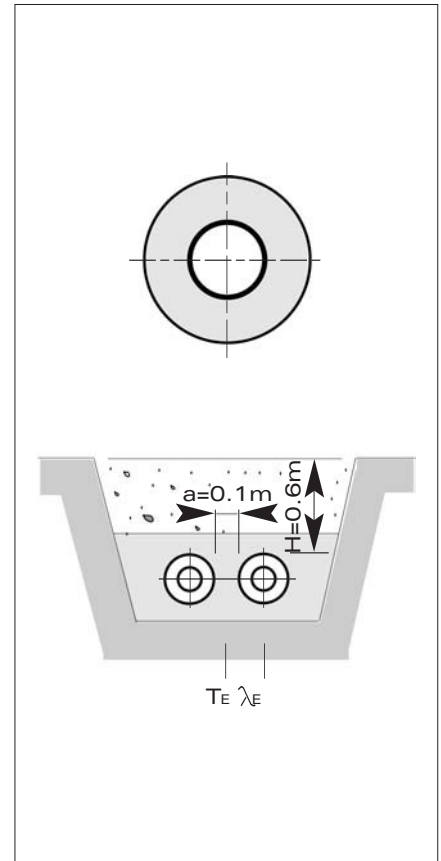


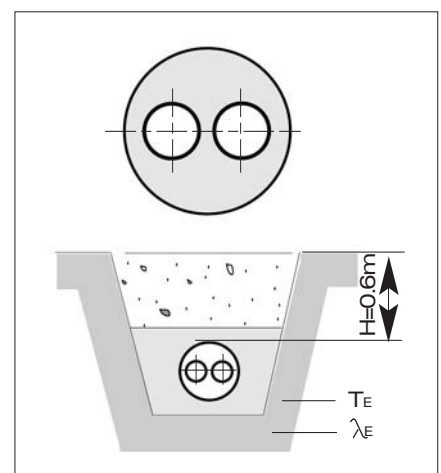
**BRUGG****Rohrsysteme****CALPEX® - Cev za daljinsko ogrevanje****Toplotne izgube**  
Ogrevanje, 6 bar**CPX**  
**6.215****CALPEX® cev UNO**

Toplotne izgube q [W/m] za cev UNO							
Tip CALPEX® UNO	U-vrednost [W/mk]	Srednja delovna temperatura T <sub>B</sub> [°C]					
		40°	50°	60°	70°	80°	90°
25/76	0.135	4.1	5.4	6.8	8.1	9.5	10.8
32/76	0.171	5.1	6.8	8.6	10.3	12.0	13.7
40/91	0.179	5.4	7.2	8.9	10.7	12.5	14.3
50/111	0.187	5.6	7.5	9.4	11.2	13.1	15.0
63/126	0.212	6.4	8.5	10.6	12.7	14.8	17.0
75/142	0.233	7.0	9.3	11.7	14.0	16.3	18.6
90/162	0.249	7.5	10.0	12.5	14.9	17.4	19.9
110/162	0.361	10.8	14.4	18.1	21.7	25.3	28.9
110/182 PLUS	0.287	8.6	11.5	14.4	17.2	20.1	23.0
125/182	0.364	10.9	14.6	18.2	21.9	25.5	29.1
160/250	0.319	9.6	12.8	15.9	19.1	22.3	25.5

**CALPEX® cev DUO**

(Predtok in povratak v istem zaščitnem plašču)

Toplotne izgube q [W/m] za cev DUO							
Tip CALPEX® DUO	U-vrednost [W/mk]	Srednja delovna temperatura T <sub>B</sub> [°C]					
		40°	50°	60°	70°	80°	90°
25+25/91	0.206	6.2	8.2	10.3	12.4	14.4	16.5
32+32/111	0.213	6.4	8.5	10.7	12.8	14.9	17.0
40+40/126	0.243	7.3	9.7	12.2	14.6	17.0	19.4
50+50/162	0.226	6.8	9.0	11.3	13.6	15.8	18.1
63+63/182	0.269	8.1	10.8	13.5	16.1	18.8	21.5



Nacin polaganja:

Razmak cevi:

Višina zaščitne plasti:

Temperatura tal:

Koef. toplot. prevodnosti tal:

Koef. toplot. prevod. PUR-pene:

Koef. toplot. prevod. PE-Xa cevi:

Koef. toplot. prevod. PE plašča:

2 cevi UNO položeni v zemljo

a = 0.10 m

H = 0.60 m

T<sub>E</sub> = 10 °Cλ<sub>E</sub> = 1.2 W/mKλ<sub>PU</sub> = 0.0255 W/mKλ<sub>PE-Xa</sub> = 0.38 W/mKλ<sub>PE</sub> = 0.43 W/mK**Toplotne izgube med obratovanjem: q = U (T<sub>B</sub> - T<sub>E</sub>) [W/m]**

U = koeficient prehoda toplote [W/mK]

T<sub>B</sub> = srednja delovna temperatura [°C]T<sub>E</sub> = srednja temperatura tal [°C]