



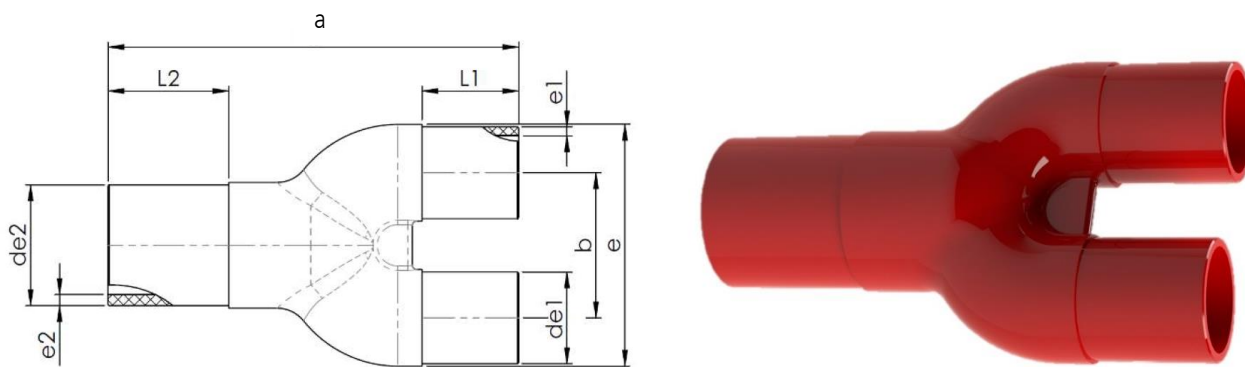
Technical data sheet

GEROthern® Y piece made from PE 100-RT-RC*

For simple and secure connection

GERO[®]therm Y piece for elevated temperatures and cracking resistance from the material PE100-RT-RC*

Application	
Material	Polyethylene PE100-RT-RC (RT=Raised temperature; RC=Resistance to crack)
Application	Pipe joints (Y pieces) for connecting the forward and return flows of geothermal probes with compact design as a transition to the connection line.
Article number	104787 (2x32 - 40) 104788 (2x40 - 50)
Color	Red
Maximum temperature (briefly)	+ 95°C ¹⁾



Article no.	de1 x e1 mm	de2 x e2 mm	L1 mm	L2 mm	a mm	b mm	e mm	Weight kg/Stk
104787	32 x 3.0	40 x 3.7	35	50	160	50	82	0.110
104788	40 x 3.7	50 x 4.6	40	50	170	60	100	0.140

* Geothermal probes made from PE100-RT-RC is a protected technology. Patent No. CH 717 800 A2

1) The expected service life of the material depends on the operating temperature and time as well as the internal pressure. To calculate the load limits using the damage accumulation rule (Miner's rule) in accordance with SN EN ISO 13760 (for an object-specific definition, you must specify the annual frequency-temperature profile and the internal pressure.)