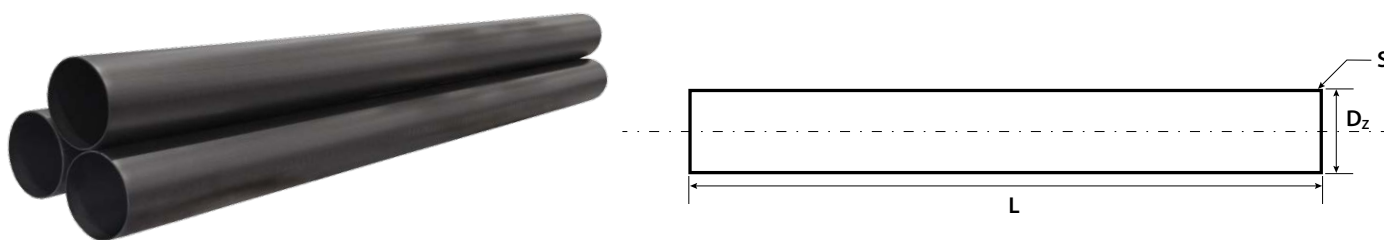


8.2 CEGA jacket pipes for pre-insulation.

8.2.1 CEGA jacket pipes for pre-insulation acc. to PN-EN 253:2020-01, with corona treatment.



JACKET PIPE external diameter Dz: [mm]	Wall thickness s: [mm]	Pipe length L: [mm]	CATALOGUE No.
90	3,0	5700 / 11700	RP-090L5700 / ..L11700
110	3,0	5700 / 11700	RP-110L5700 / ..L11700
125	3,0	5700 / 11700	RP-125L5700 / ..L11700
140	3,0	5700 / 11700	RP-140L5700 / ..L11700
160	3,0	5700 / 11700	RP-160L5700 / ..L11700
180	3,0	5700 / 11700	RP-180L5700 / ..L11700
200	3,2	5700 / 11700	RP-200L5700 / ..L11700
225	3,4	5700 / 11700	RP-225L5700 / ..L11700
250	3,6	5700 / 11700	RP-250L5700 / ..L11700
280	3,9	5700 / 11700	RP-280L5700 / ..L11700
315	4,1	5700 / 11700	RP-315L5700 / ..L11700
355	4,5	5700 / 11700	RP-355L5700 / ..L11700
400	4,8	5700 / 11700	RP-400L5700 / ..L11700
450	5,2	5700 / 11700	RP-450L5700 / ..L11700
500	5,6	5700 / 11700	RP-500L5700 / ..L11700
520	5,8	5700 / 11700	RP-520L5700 / ..L11700
560	6,0	5700 / 11700	RP-560L5700 / ..L11700
630	6,6	5700 / 11700	RP-630L5700 / ..L11700
710	7,2	5700 / 11700	RP-710L5700 / ..L11700
800	7,9	5700 / 11700	RP-800L5700 / ..L11700
900	8,7	5700 / 11700	RP-900L5700 / ..L11700
1000	9,4	5700 / 11700	RP-1000L5700 / ..L11700
1100	10,2	5700 / 11700	RP-1100L5700 / ..L11700
1200	11,0	5700 / 11700	RP-1200L5700 / ..L11700

***Other pipe lengths and diameters available on request**

****Length tolerance ± 10 mm**

In order to reduce circumferential and longitudinal stresses in the jacket pre-insulated pipe CEGA uses innovative manufacturing technology leading to:

1. $\leq 0.5\%$ reduction of longitudinal stresses, according to EN ISO 2505
2. $\leq 0.1\%$ reduction of circumferential stresses, according to EN ISO 2505

Usage of "de-stressed" with corona treatment jacket pipes have the following effects:

- minimizes the risk of "tearing off" foam from the jacket pipe, which is critical for quality of pre-insulated pipe during its usage,
- seriously reduces the stresses in the jacket pipe, which lowers the risk of stress-induced corrosion, ie. its cracking during use of district-heating pipeline.

Note: Reduction of longitudinal and circumferential stress is out-of standard and can be done upon customer's demand.