

Pipe Installation

Preparation of trench and measurements

Due to especially good heating and hydro insulation characteristics, industrially pre-insulated pipe systems are laid in non-canal, easily installed trenches. The following requirements are set for the installation of trenches:

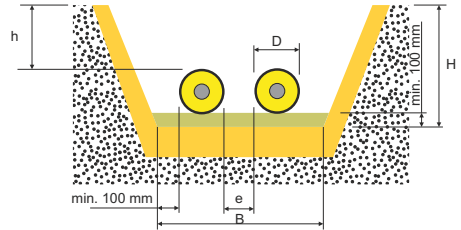
- To ensure sufficient room for laying and mounting pipes in the required depth;
- To ensure sufficient room for proper thickness of pouring material near the pipes;
- To ensure safe work conditions and not pollute the environment.

It must be considered that the depth of pipes is influenced by the depth of planting, terrain peculiarities, other underground communications, thus trenches need to be deepened.

Minimum poured layer above pipes - $h_{\min} = 0.4 \text{ m}$.

While excavating trenches, additional requirements are set for these works and places:

- Places where pipes are welded;
- Places where joints are mounted;
- Installations for immovable support/fixed point;
- Laying drainage.



D (mm)	B (mm)	H (mm)	e (mm)
90	700	650	150
110	700	650	150
125	700	650	150
140	800	650	150
160	800	700	150
180	900	750	150
200	900	750	150
225	1000	800	200
250	1100	900	200
280	1200	1000	200
315	1200	1000	200
355	1300	1000	250
400	1400	1000	250
450	1500	1000	250
500	1600	1100	250
560	1800	2200	250
630	1850	2250	300
668	2000	2300	300

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