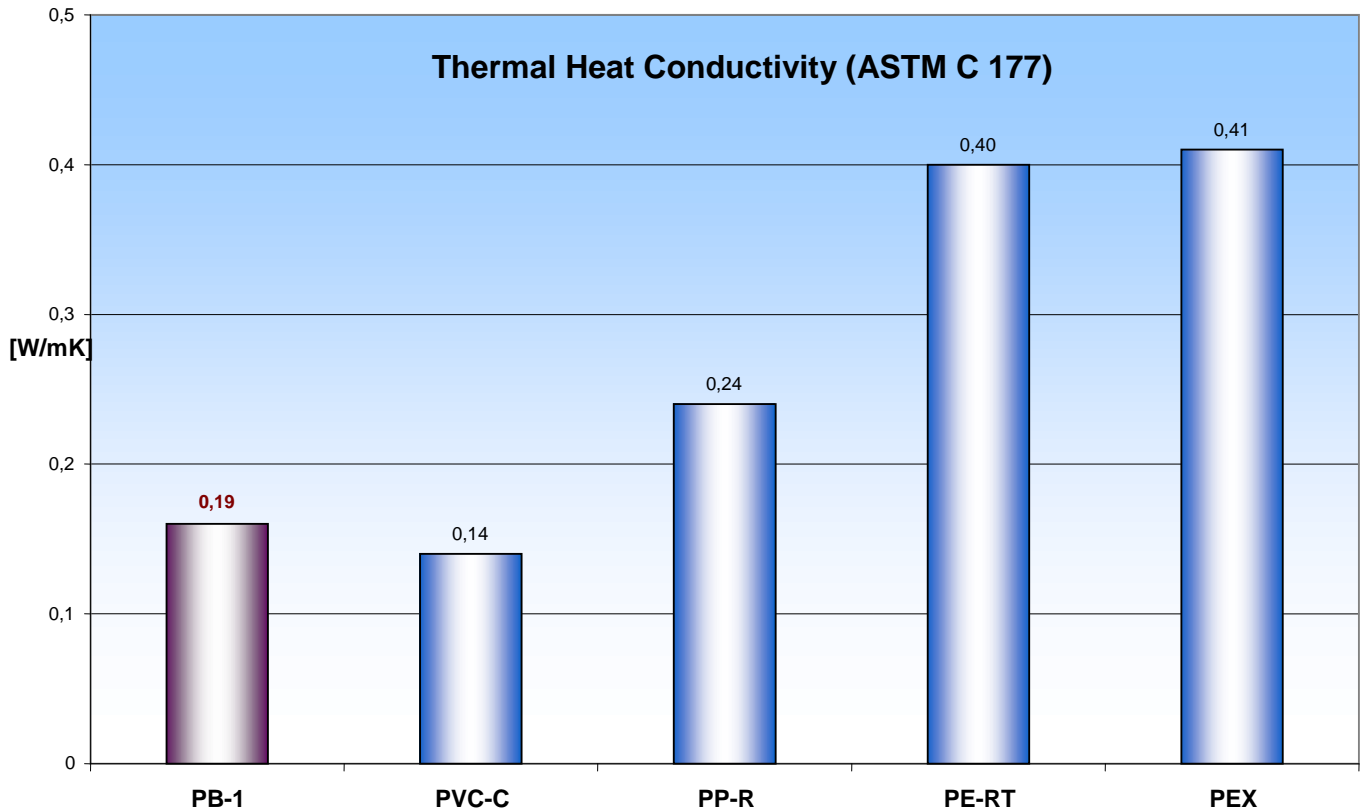


1) Basic Information

Thermal Heat Conductivity of a material gives the possible flow of heat through the material, when the temperatures on the outside is different to the inside e.g. of a pipe. The lower the value the better the insulation value. The heat conductivity is measured at a medium temperature in the material of 50°C.

2) Grafic overview



3) Results

PB-1 compared to other plastics is showing better results especially compared to PEX and PE-RT. PB-1 dimension 63x5,8 has got an outside temperature of 68°C, when inside has 95°C. PEX dimension 63x5,8 is showing 79°C when inside has 95°C.

4) References/Standards

In District Heating PB-1 pipes can be used with lesser insulation compared to PEX systems.

Technical data are subject to alteration.

