

// ELITEPIPE

"Feel the pleasure of trust and comfort"

- NO CROSS OVER!
- NO BENDING!
- NO SOCKET!
- NO TIME LOSSES!
- NO BREAK!

PLUMBER
FRIENDLY.



WHAT IS ELITE PIPE?

As seen from the graphic showing the relation between lifetime and the pressure, ELITE PIPE is a product which has a superiority against its all equivalents and all products used for the same purpose. ELITE PIPE has been developed as the result of the "7-year-R&D researches" by the qualified teams of Mir R&D Company.

We would like to introduce our product by comparing to the all products and raw materials of which you are aware so that you can comprehend our product in a better way. So, we have optimized the resource capacity of PPR, high temperature endurance performance of PEX and elastic property of PERT and come up with a brand net HYBRID product. We have a strong belief that this product of us is going to break through in installation world. While developing this product, our knowledge and experience including the activity of orienting the molecules are used sensitively. Without such optimizations, we could never come up with such a product of advance technology. Our these superiorities are protected with patent.

Installation sector has been struggling in a vicious cycle for years. PPR, PEX, PERT products cannot meet the sectoral needs. ELITE PIPE has been developed by Mir R&D, which is a affiliated company of Dizayn Group as a SOLUTION against this kind of despair. We would like to introduce our R&D company which develops such technologies. R&D branch of our company dates back to 32 years. And in today's world, it is in the nature of a holistic entity with R&D culture which operates in pipe, agriculture, energy, structure and defense industry.

- It has more than 50 R&D engineers who have master degrees only in R&D field and 25 professors.
- Our firm has the biggest private research laboratory of Turkish Republic and numerous patents of which 70% have already transformed into production.
- It has realized the project of the defense industry with the highest budget (10.2 million USD) successfully (developing and producing the material 10 times stronger but 5 times lighter than steel) and it is the third company which has this technology throughout the world after United States and Canada.

WHY SHOULD ELITE PIPE BE PREFERRED?

- 1. HIGH PRESSURE RESISTANCE IN HIGH TEMPERATURE:** Your installations are much safer in high temperatures now.
PPRC PN25: Lifetime for 50 Years, 70 C° 8,8 Bar
ELITE PIPE PN25: Lifetime for 50 Years, 70 C° 11 Bar
- 2. SHIPMENT EASE:** Thanks to the feature of being leveled and opening the pipe leveled, ELITE PIPE is shipped in a leveled way. Levels are shipped through small vehicles and carried out by a single person with ease. However, leveling PPR pipes and opening a pipe leveled are impossible.
- 3. UNBREAKABLE EVEN IN -20 C°:** Breaking, fractures are the most frequent problems confronted in PPR pipes during cold weathers. ELITE PIPE and its parts resist against impacts and do not break even in cold weathers. Material and non-material damages caused by breaking or fracture are avoided with ELITE PIPE.
- 4. CHEMICAL-RESISTANT:** It provides a high resistance against chemicals used in hot and cold water installations.
- 5. WELDING LIKE IN PPR:** The property of socket fusion welding is in the PPR pipe level.
- 6. FLEXIBLE AND EASY TO SHAPE:** It provides an ease of assembly thanks to its characteristics to be easy to shape.

7.

• **REQUIRE VERY FEW APPARATUS:** Needs for arch and sleeve in sanitary installation are eliminated and need for console has almost been set to zero. Therefore, it is possible to use 20 mm diameter in most of the installations instead of 25 mm diameter. Engineers will welcome this important privilege with a great excitement and use during the planning.

8.

• **ELIMINATES POST-INSTALLATION RISKS:** Various pipes experience fatal cuts while plaster experts are shaping the plaster by using a sharp trowel during returning to the battery connections while carrying out the mortaring after the installation in the installations where PPR application has been realized. ELITE PIPE has high resistance against trowel impacts.

9.

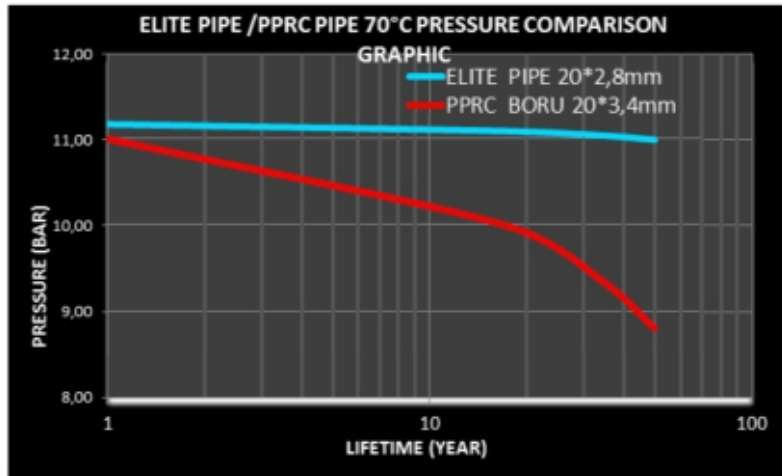
• **PREVENTS LEAKAGES:** PPR pipes are shipped as 4 meters. ELITE PIPE pipes are shipped as 20 mm diameter and 60 m level, 25 mm diameter and 48 m level, 32 mm diameter and 24 m level. Thus, pipe leakages are set to zero.

10.

• **REDUCES MATERIAL COSTS:** Cost of materials in ELITE PIPE installations are 15% lower compared to those in PPR installations.

11.

• **REDUCES CRAFTSMANSHIP COSTS:** Craftsmanship costs in installations realized with ELITE PIPE is 30% lower compared to those in PPR installations.



DETAIL OF UTMOST IMPORTANCE:

ELITE PIPE system warranty is valid only if ELITE PIPE PIPE and ELITE PIPE APPARATUS are welded with ELITE PIPE SPECIAL

- DIE PLATE.
- A safe welding is only possible when ELITE PIPE PIPE, ELITE PIPE APPARATUS AND DIE PLATE ARE USED TOGETHER.
- If ELITE PIPE products are used together with any PPR pipe, apparatus or die plate, system warranty is not provided. In this case, warranty is provided only for the PIPE and Apparatus independently.

AREAS OF USE:

- Hot and cold water installations
- Heating systems (central heating boiler, room heater installations)
- Clean water and mobile distribution lines
- Solar energy, cooling and air-conditioning systems
- Snow and ice melting systems



“we have made installation with ELITE PIPE”
“we saved on the use of so many fittings”