

LK PE-RT Pipes



LK Pex' History

How it all started

Lagerstedt & Krantz (LK) was founded in 1910 in Stockholm, Sweden. Today the business has grown into a group of sixteen companies with a presence in several countries and an annual turnover of approximately 80 million EUR. The main business sectors within the LK Group specialize in the manufacture, sales and distribution of products and systems for heating and plumbing as well as the marine industry.

Established in 1998, LK Pex was founded as a new company within the LK Group with the aim of manufacturing PE-Xa pipes to serve the needs of LK Systems, one of the largest under floor heating companies in Scandinavia. From its manufacturing site in Ulricehamn (a small town 100 km east of Gothenburg), LK Pex is now producing pipes for customers throughout Europe and as far away as the USA and the Middle East.



Lagerstedt & Krantz's head office in Stockholm, Sweden.

The LK Pex Story So Far

In 1998 we started to develop our own unique production method of PE-Xa pipes using the latest technology available. Thanks to Mr Lennart Ågren, a world-wide well-reputed person in the field of PEX pipes who has been with the company since the beginning, we have the most competitive PE-Xa production in the world. Full manufacturing production commenced in January 2000 with customers all over the world.

Today we annually produce 50 million meters with a continuous growth of PE-Xa pipes, PE-RT pipes and cross linked inliners for flexible hoses. However, one benefit is universal through-out the range – the FLEXIBILITY of our pipes. We are always aiming to extending the dimension range and further developing the materials for new applications in assorted industries.

LK Pex has a well equipped laboratory for in-house control of our products to secure high quality for our customers.

Our world-class Development Department has several times developed excellent new products and techniques. Being first on the market is one of the reasons for LK Pex' success.



LK Pex production site in Ulricehamn, Sweden.

Mission and Vision

Our mission is to supply and serve customers needs in various industries throughout the world with high quality service, pipes and hoses.

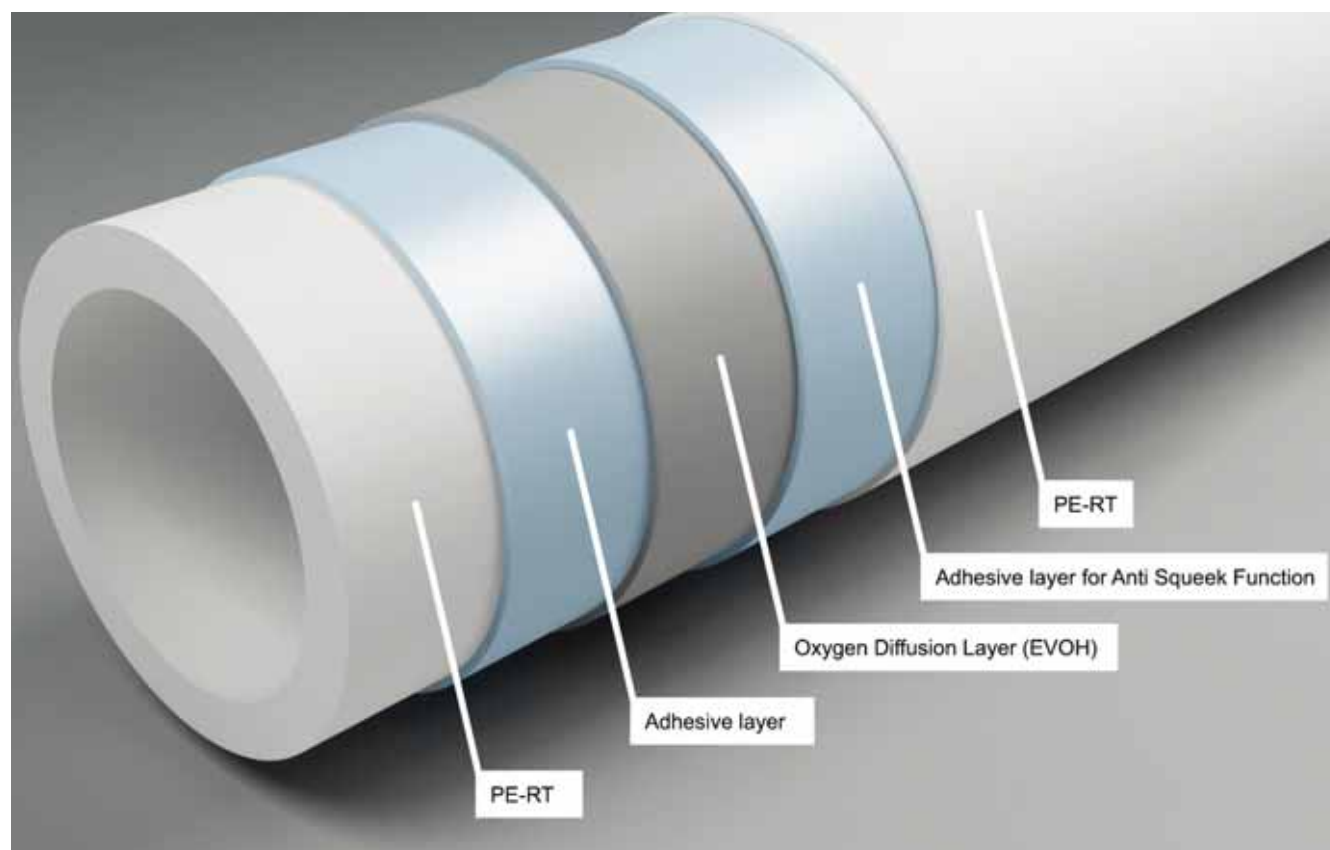
Our vision is to remain one of the most efficient pipe producers in the world, still with highest quality regarding flexibility, strength, service and reliable deliveries.

LK PE-RT pipes

5-layer PE-RT pipes

LK Pex produces 5-layer high quality PE-RT type I pipes with a very high flexibility appreciated by the plumbers, even more flexible than traditional PE-X pipes! The production line in the factory in Ulricehamn Sweden is equipped with high technical detection devices to make sure all pipes are leaving the factory with absolute top quality.

Our PE-RT pipes can be produced in any dimension used for floor heating applications. Generally, LK PE-RT pipes are coiled from 200 m and up. The length of the coil is of course customized upon request. LK Pex offers both transparent LK-branded PE-RT pipes as well as OEM-pipes.



Property	Value	Test method
Density	0,93 - 0,94 g/cm ³	ISO 1872
Thermal expansion coefficient	1,95 x 10 ⁻⁴ K ⁻¹	DIN 53752 A
Thermal conductivity	0,4 W/(m • K)	DIN 52612
Softening temperature	> 120 °C	DIN 53460
Elongation at break	> 500 %	ISO 527-2
Tensile strength	17 MPa	ISO 527-2



Factory Site

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