

Pipe systems for each application!

fusiotherm®

The fusiotherm®-pipe system has proved its excellent technical suitability in worldwide applications for more than 25 years.

The fusiotherm®-system includes the different types of SDR 11, SDR 7.4 and SDR 6, more than 400 joining and connection elements as well as valves and ball valves.

The products are available from 20 to 250 mm external diameter.

climatherm

The climatherm pipe system has been developed especially for applications in the field of air conditioning and heating systems. Compared to fusiotherm, the climatherm pipe has higher flow rates due to lower wall thickness. This product also offers high heat stabilized characteristics.

Advantages of fusiolen PP-R

- ▶ 100% corrosion resistant
- ▶ high abrasion resistance
- ▶ heat- and sound insulating characteristics
- ▶ high impact rate
- ▶ recyclable
- ▶ heat and high heat stabilized
- ▶ smell and taste neutrality
- ▶ very good welding properties
- ▶ less pipe friction
- ▶ equipped with metal deactivation
- ▶ resistant against chemicals



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fusiotherm®

climatherm



FASER COMPOSITE TECHNOLOGY



aquatherm

Faser composite technology

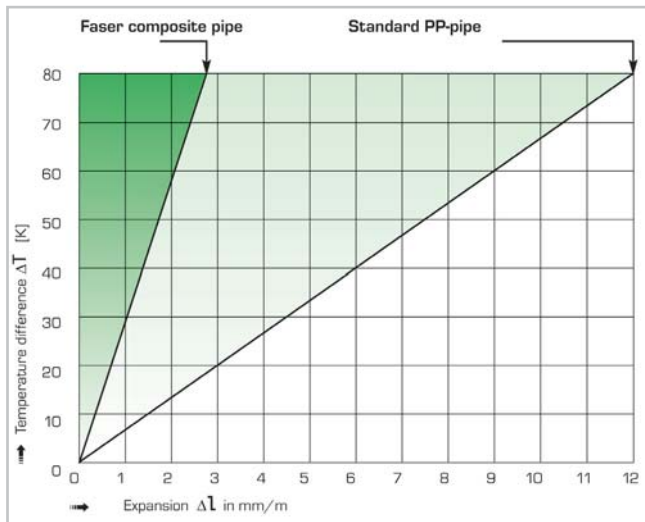
The composite pipes made in the multi-layer extrusion process produce a higher stability due to the fibre filling in the middle layer.

This technology brings many advantages:

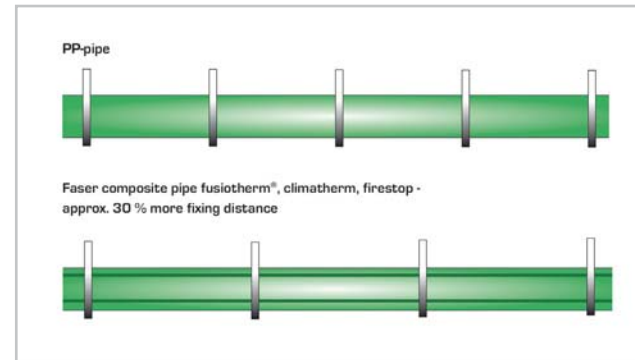
- ▶ reduced expansion
- ▶ higher flow rate due to increased diameter
- ▶ high bearing capacity
- ▶ greater support spacing
- ▶ less weight

Expansion in comparison

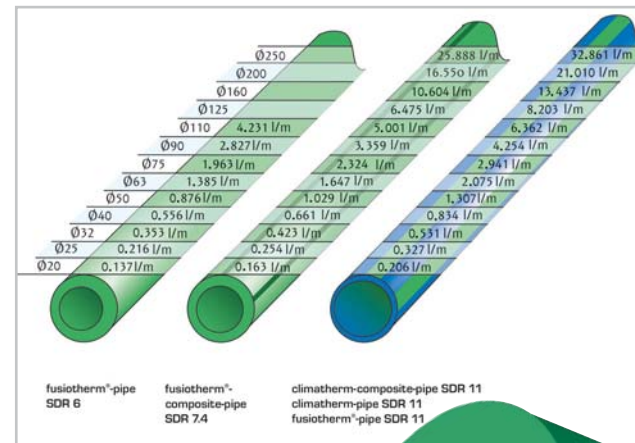
Graph for determination of expansion:



Support spacings PP-pipe / faser composite



Comparison of the water content per meter



Fusion technique

By the fusion of pipe and fitting the plastic melts to a homogeneous material unit. Pipe and fitting are heated by means of specific welding tools and subsequently just joined; finished!



Weld-in saddle technique

The pipe systems fusiotherm® and climatherm are especially suitable for the field of manifold construction due to their innovative weld-in saddle technique.

By melting of the weld-in saddle with the pipe wall the connection achieves highest stability!

