

Technical information

Thanks to our years of experience in the sector, we have a good understanding of the type of information our customers need: simple, usable and providing a good basis for planning a piping system.

Our tables are approximate only and we assume no liability for any errors in the tables or the consequences of their use.

It is important to always use external parties to validate assessments in order to ensure the right dimensions and, consequently, the right project budget.

We have developed our own procedures for PE pipe welding and electrofusion based on INSTA 2072-N 203, NS 416-1 and NS 416-2.

Management, Operation and Maintenance (MOM of polyethylene) PE pipe components

General

Product:

Polyethylene pipe components

Application:

Pipe components for use in pipe systems for fluids with pressurised and unpressurised systems. For media other than water, wastewater and seawater, contact SIMONA Stadpipe AS for further information.

Technical data:

Pipe components made of pressurised pipes, bolts, plates and hollow bars. All pipes from 20-1200 mm are approved in accordance with NS-EN 12201 in SDR 26-SDR 7.4 (Nordic Polymark). Pipe components are welded in accordance with NS 416.

Quality assurance:

SIMONA Stadpipe AS is ISO 9001:2015 certified. HSE is an integral part of our management system.

Tracking:

Pipe components are tracked through our order system by: customer [project], order and product number. Components with individual serial numbers are also tracked via serial number.

HSE (Health, Safety and Environment)

Fire hazard:

Ignition point 380°C, no significant hazard.

Health hazard:

No health hazard with standard use. Only hazardous in the event of fire. Carbon monoxide content is generally the greatest hazard in the event of fire. This odourless gas has both acute and toxic effects.

Symptoms include dizziness, fatigue, headache, nausea and irregular breathing.

First aid:

If the symptoms described above arise, seek fresh air and contact a doctor.

Service and maintenance

Storage:

Pipe components can withstand the Norwegian climate and may be stored outside. When storing pipe components outside, the components must be protected from sharp stones etc. that may cause tears, scratches and other damage. Fouling may occur if components are stored for long periods.

Assembly:

PE pipe components can be joined either by butt welding or electrofusion. With butt welding, only pipes and pipe components in the same SDR class can be welded together. PE 80 can be welded onto PE 100. When joining components in different SDR classes, use electrofusion appropriate for the SDR class of the pipe.

Maintenance:

The pipe components do not require maintenance except for cleaning if needed. Pipe components can be washed with water at high pressure. Cleaning agent residue should be removed.

Spare parts:

There are no spare parts for fully welded pipe components. Damaged components can be sent in for repair or replaced with new component.

Miscellaneous:

Please contact SIMONA Stadpipe AS if you have any questions or want further information about the products.