

Product Range

OD [mm]	wall thickness core pipe				
	SDR 11 [in mm]	SDR 17 [in mm]	SDR 17.6 [in mm]	SDR 21 [in mm]	SDR 26 [in mm]
63	5.8	3.8	3.6	3.0	2.5
75	6.8	4.5	4.3	3.6	2.9
90	8.2	5.4	5.1	4.3	3.5
110	10.0	6.6	6.3	5.3	4.2
125	11.4	7.4	7.1	6.0	4.8
140	12.7	8.3	8.0	6.7	5.4
160	14.6	9.5	9.1	7.7	6.2
180	16.4	10.7	10.2	8.6	6.9
200	18.2	11.9	11.4	9.6	7.7
225	20.5	13.4	12.8	10.8	8.6
250	22.7	14.8	14.2	11.9	9.6
280	25.4	16.6	15.9	13.4	10.7
315	28.6	18.7	17.9	15.0	12.1
355	32.2	21.1	20.1	16.9	13.6
400	36.3	23.7	22.7	19.1	15.3
450	40.9	26.7	25.5	21.5	17.2
500	45.4	29.7	28.3	23.9	19.1
560	50.8	33.2	31.7	26.7	21.4
630	57.2	37.4	35.7	30.0	24.1

Other SDR ratings on request

Benefits in a nutshell

- The egelen® plus pipe system reduces the overall installation time due to simple and economic processing. Preparation of pipe ends for electrofusion welding and house connections is enhanced by easily removing the peelable skin, butt welding is feasible with standard clamping jaws
- The peelable skin protects the core pipe during handling, transport and installation. It further prevents surface contamination with dirt and oxidation
- Enhanced mechanical strength: The outer skin provides excellent scratch resistance and absorbs potential damage of the core pipe
- The skin can easily be removed using commercially available peeling tools
- Reliable connections due to perfect surfaces: A clean surface excludes the risk of scratches and contamination in the welding area
- The core pipe is protected against sunlight and weathering effects, thereby increasing the storage time and longevity



egeplast
international GmbH

Robert-Bosch-Straße 7
48268 Greven, Germany

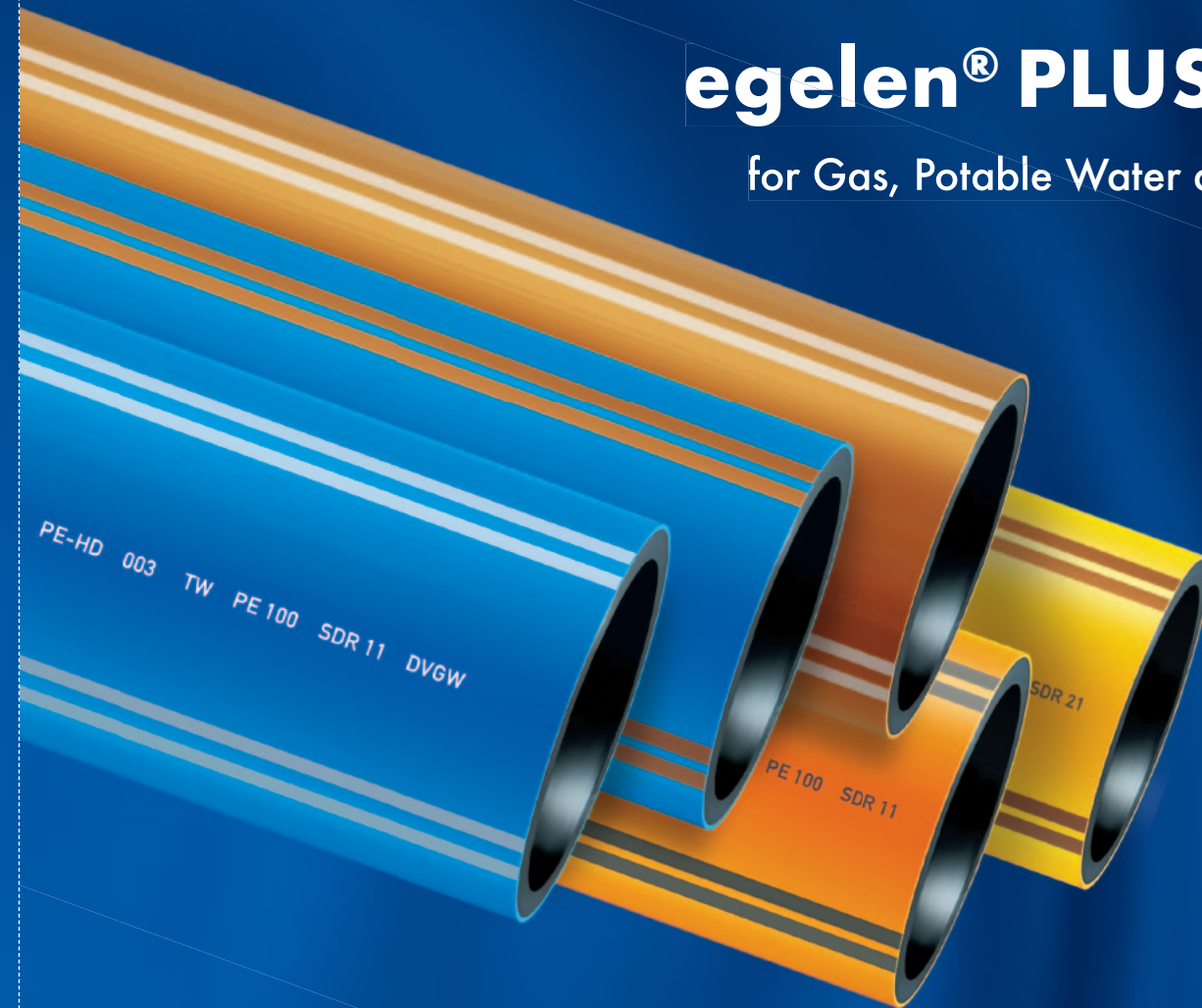
Tel.: +49.2575.9710-0
Fax: +49.2575.9710-110

info@egeplast.de
www.egeplast.eu

ege 1559 UK 07/13

egelen® PLUS pipe

for Gas, Potable Water and Sewage



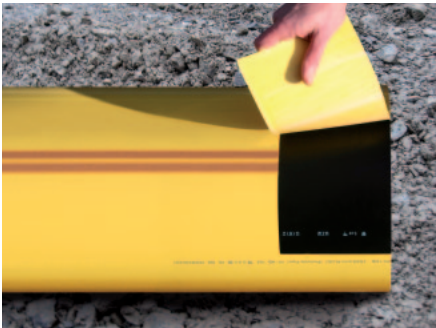
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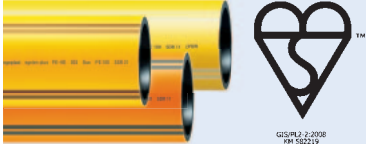
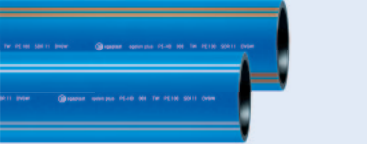



egeplast international GmbH is Europe’s most modern and efficient pipe mill with annual production capacity of more than 70,000 tons of polyethylene. egeplast is renown for its innovative pipe developments dating back with skinned pipes to as early as the 80’s.

The egelen® PLUS pipe utilizes a black PE 100 core pipe protected by a peelable skin. It has been designed to increase operational safety, ease of handling and fast installation. It furthermore offers protection because of a protective, peelable outer skin.

- The purpose of the peelable skin is to protect the pipe during transport, handling and on site storage. Furthermore it prevents the core pipe from being contaminated.
- The peelable skin adds additional protection onto a standard PE 100 compared to non-skinned pipe, and absorbs potential damage.
- The egelen® PLUS skin features minimum four evenly distributed stripes over the length of the pipe identifying an already installed pipe as a multilayer pipe product.
- The sacrificial skin is easily peelable utilizing commercially available manual peeling tools.



	Gas Applications	Potable Water Applications	Sewage Applications
Dimensions:	OD 63 mm – OD 630 mm	OD 63 mm – OD 630 mm	OD 63 mm – OD 630 mm
SDR ratings:	SDR 21; SDR 26; 17.6; SDR 17; SDR 11	SDR 21; SDR 26; 17.6; SDR 17; SDR 11	SDR 21; SDR 26; 17.6; SDR 17; SDR 11
Pipe construction:	 <ul style="list-style-type: none">• Black inner core pipe• outer skin for protection against damages caused by transport & handling on site• protective skin: orange or yellow indicating gas applications• coloured stripes to indicate an external skin	 <ul style="list-style-type: none">• Black inner core pipe• outer skin for protection against damages caused by transport & handling on site• protective skin: blue indicating potable water applications• coloured stripes to indicate an external skin	 <ul style="list-style-type: none">• Black inner core pipe• outer skin for protection against damages caused by transport & handling on site• protective skin: brown indicating sewage applications• coloured stripes to indicate an external skin
Material:	PE 100 core pipe with additional, protective outer skin	PE 100 core pipe with additional, protective outer skin	PE 100 core pipe with additional, protective outer skin
Standards:	EN 1555; DIN 8074/75	EN 12201; DIN 8074/75; Regulation 31 (England & Wales)	EN 12201; DIN 8074/75
Approvals:	Kitemark certification to GIS / PL2-2:2008	Nordic Polymark*	Nordic Polymark*
Delivery Form:	<ul style="list-style-type: none">• sticks 6, 12 or 20 m• coils from 63 to 180 mm• other lengths and/or dimensions on request	<ul style="list-style-type: none">• sticks 6, 12 or 20 m• coils from 63 to 180 mm• other lengths and/or dimensions on request	<ul style="list-style-type: none">• sticks 6, 12 or 20 m• coils from 63 to 180 mm• other lengths and/or dimensions on request

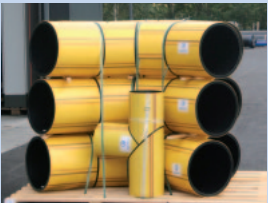
Fittings

Fittings like pupped flanges, equal tees, reduced tees, flanged tees, reducers, segmented elbows, seamless bends are available, among others.

All segmented egelen® PLUS fittings from egeplast (250-630 mm) are manufactured with CNC controlled welding machines and by certified welders. Thereby a safe and controlled welding with a constantly high quality is achieved providing continuous control of travelling distance, pressure and temperature.



Fully skinned fittings – no „weak points“ at the weld beads



Fittings ready for delivery



Labelling of a weld bead for traceability reasons

* approval pertains to the core pipe