

Did you know?

www.star.de.com



NEW!
and only with
STAR

The first and only DVGW-certified seamless pipe bends

Taking pipe construction to a new level

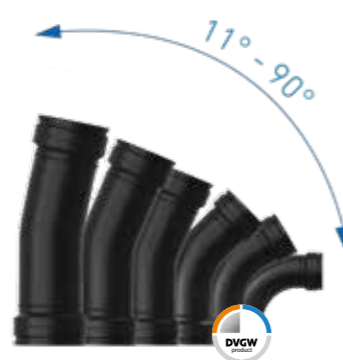
After years of research, today STAR is the first and only manufacturer able to produce DVGW-certified seamless bends with $r = 1.5 \times d$, keeping the minimum wall thickness required in compliance with DIN EN 12201-3 and DIN EN 1555-3, thus ensuring optimal conditions even at highest strain. A product with the DVGW hallmark gives you the assurance that it is state-of-the-art and conform with established regulations. The so-far worldwide only DVGW-certified seamless bend produced by STAR stands out prominently from other seamless bends and distinguishes itself verifiably by a considerably long lifetime and high reliability.

By guaranteeing the minimum wall thickness, standard-compliant DVGW-certified seamless bends by STAR provide highest safety and enable pipeline construction according to standard, meeting highest demands.

Product database →



individual angle on request



also available as electrofusion bend



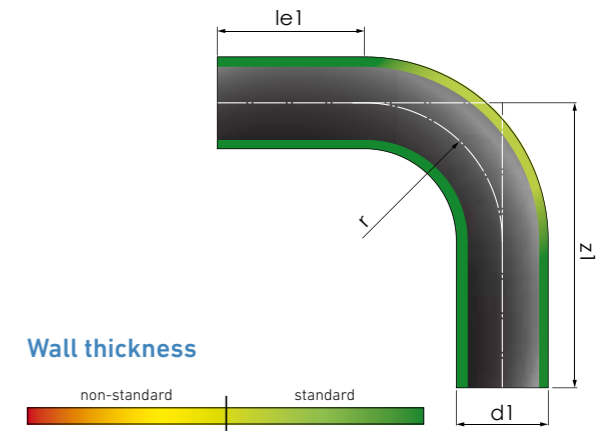
special radii on request

What is behind DIN EN 12201-3 and DIN EN 1555-3?

The standards DIN EN 12201-3 and DIN EN 1555-3 define quality standards of PE pipeline systems for the gas and water distribution as well as for irrigation and waste water pipelines.

Any dimension as well as tolerances and material properties are specified by these standards. The wall thickness of seamless bends is part of the stipulated dimensions.

The ending number "3" of the standards indicate the sections that not only define the pipes but also the requirements for the finished fittings.



GENERAL OVERVIEW OF OUR SEAMLESS BENDS

STAR delivery program

- broad range of products
d 32 mm - d 900 mm
- individual angle 11° - 90°
- various SDR-Classes
(SDR 17/13,6/11/ 9/7,4)
- several radii: * : $r \approx 1,5 \times d /$
 $r \approx 2,5 \times d / r \approx 3 \times d / r \approx 3,5 \times d /$
 $ri \approx 700 / ri \approx 1100 / ri \approx 1750$

Advantages

- pressure class conform without reducing factor
- excellent hydraulic behaviour
- universal weldable due to long spigot ends
- low-stress manufacturing promotes greater dimensional stability
- abrasion resistant

Applications

- suitable for drinking-water and gas supply systems
- wastewater
- industrial applications
- suitable for solids conveying

THESE ARE YOUR BENEFITS:

seamless bend



seamless bend
EN conform



seamless bend
DVGW cetified



Vorteile:

- compliant with EN 12201 & EN 1555
- designed for absolute safety and reliability
- ensures standard-compliant pipeline engineering
- top quality products made to the highest standards



We provide you with high-quality and efficient solutions for applications in supply and disposal.

In addition to our high-quality standard and special fittings, seamless bends, electrofusion fittings, pipes and hollow bars and solid rods, we also offer suitable welding equipment for joining and welding technique.

Our extensive product range gives you the possibility to obtain every-thing from a single source and for almost every building project.

See for yourself.

STAR Piping Systems GmbH

Am Schornacker 90, 46485 Wesel
Deutschland

Tel.: + 49 281 - 9 84 14 - 0

Fax: + 49 281 - 9 84 14 - 48

www.star.de.com