

Area of application

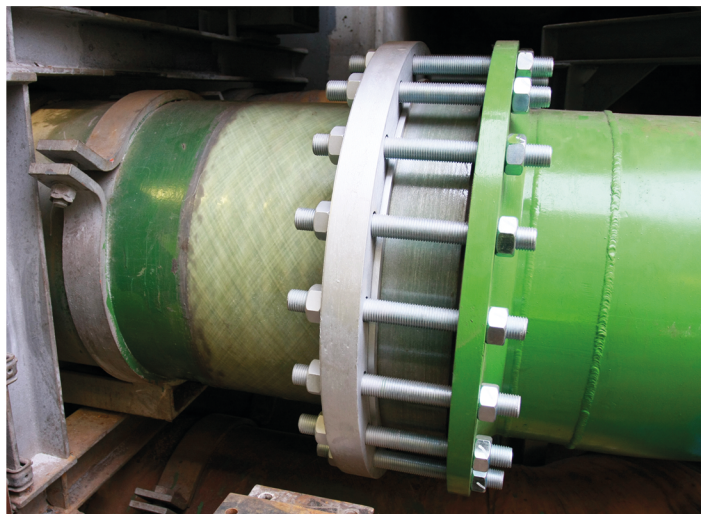
Pressure pipes up to 3 bar operating pressure

- Circular profiles: 6 in. - 24 in.

Advantages

- Use in low-pressure range
- Seamless design
- Ready for installations up to 1,640 ft.
- Can be stored for up to 6 months
- Fast curing
- Smooth surface
- Suitable for all standard pipe profiles
- Bridging small profile and cross-section changes





Reinforcement material

Woven glass complex E-CR according to

- ▶ ASTM D578

Resins

Unsaturated polyester resins (UP resins)

- ▶ Type 1140 according to DIN 16946-2
- ▶ Group 3 according to DIN 18820-1
- ▶ Group 4 according to EN 13121-1

Technical data

Short-term circumferential modulus of elasticity (ASTM D2412): $\geq 1,450,000$ psi

Short-term modulus of elasticity in flexure (ASTM D790): $\geq 1,262,000$ psi

Short-term flexural strength (ASTM D790): $\geq 21,800$ psi

Reduction factor for long-term values (ASTM D5365): $A = 1.45$

Long-term circumferential modulus of elasticity (ASTM D2412): $\geq 986,000$ psi

Long-term flexural strength (ASTM D790): $\geq 15,200$ psi

Laminate design:

Multi-layer, seamless and overlapping in longitudinal direction; overlaps are offset

Linear expansion during calibration:

$\sim 0.0\%$

Allowable diameter tolerance of the host pipes:

$DIA \leq 24$ in.