



Area of application

Pressure pipes up to 3 bar operating pressure

- Circular profiles: ID 150 (6") - ID 600 (24")

Advantages

- Use in low-pressure range
- Seamless design
- Ready for installations up to 500 metres
- Can be stored for at least 5 months
- Fast curing
- Smooth surface
- Suitable for all standard pipe profiles
- Bridging small profile and cross-section changes



BKP Berolina – We Protect Pipes



Reinforcement material

Woven glass complex E-CR according to

- EN 14020-1
- EN 14020-2
- EN 14020-3

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 ring stiffness (EN 1228)*:	≥ 10,000 N/mm ²
Short-term modulus of elasticity in flexure (EN ISO 178)*:	≥ 8,700 N/mm ²
Short-term flexural strength (EN ISO 178)*:	≥ 150 N/mm ²
Reduction factor for long-term values (EN 761):	A = 1.45
Long-term ring stiffness (EN 1228)*:	≥ 6,800 N/mm ²
Long-term flexural strength (EN ISO 178)*:	≥ 105 N/mm ²
Laminate design:	Multi-layer, seamless and overlapping in longitudinal direction; overlaps are offset
Linear expansion during calibration:	~ 0.0%
Allowable diameter tolerance of the host pipes:	DN ≤ 600: ± 5%

* Carrier laminate thickness to EN ISO 11296-4 (07/2011)