

Factsheet

DEKAPROP PPB-Liner pipes

Mission

“Providing high quality and well-processed HOSTALEN PP2222 PPB-based liner pipes for Catholyte services in the Chlorine / Caustic industry / water electrolysis applications”

Added value

- Comprehensive PP 2222 liner pipe program covering the practically relevant OD-range of 32 – 500 mm.
- Availability of different wall-thicknesses for selected dimensions (→ header-fabrication)
- Material-adapted processing also focusing at a minimized heat-reversion to reduce delamination risk.
- Option for customizing in length (≤ 12 m), OD and wall-thickness for smart engineering.
- Decades of practically relevant positive experience with this material being a global reference.

Typical services

- Conveyance of Catholyte (32% NaOH or 28% KOH)
@ T = 85-88°C in Chlorine plants
- Please check with GF DEKA in advance regarding possible other services

Standards

- Compliance with DIN 8077/78; selected dimensions are only available as off-standard sizes

NOTE: All liner-dimensions are also available in PPR (RA 130 E grey grade) upon request

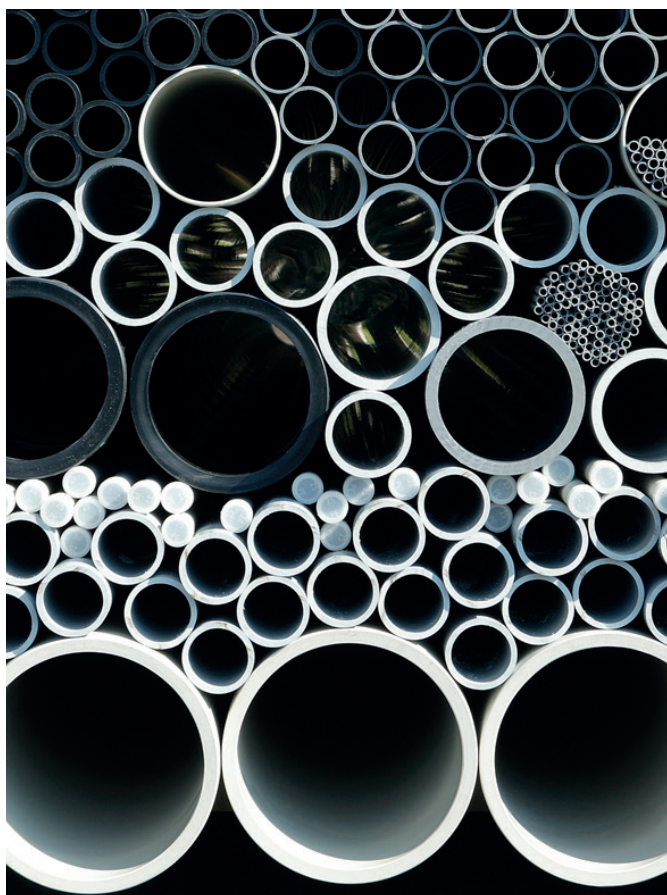
Selected technical features

- Axial heat reversion minimized by 50% to $\leq 2\%$;
transversal shrinkage $\leq 1\%$ @ 150°C/ 2h
- Optimized balance of stiffness and ductility along with a very powerful heat-stabilization – ready to meet the challenge of frequent thermal changes during operation with hot Caustics.

[Mehr Informationen](#)



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**Disclaimer**

The information and recommended values contained in this brochure reflect the current state of our knowledge and were compiled with the help of all available documentation. They can therefore be regarded as incorporating a high degree of reliability in practice, although they are not necessarily binding for all applications.