



LOGSTOR *FlextraPipe*

Comparison of flexural properties

LOGSTOR *AluFlextra* – twin pipe

LOGSTOR *PexFlextra* – single pipe

Test principles

- Flexural stress (bøjestivhed) and bending modulus (bøjemodul) express the flexibility/stiffness for comparison
- LOGSTOR has a new test method based on ISO 178, i.e. a three-point bending test
- Accordingly, flexural stress is determined at conventional deflection
- $S_c = 1,5 * \varnothing_{\text{pipe}}$, and E_b is calculated conventionally for pipe-in-pipe

Flexural properties

Coil for testing



Flexural properties

Test equipment

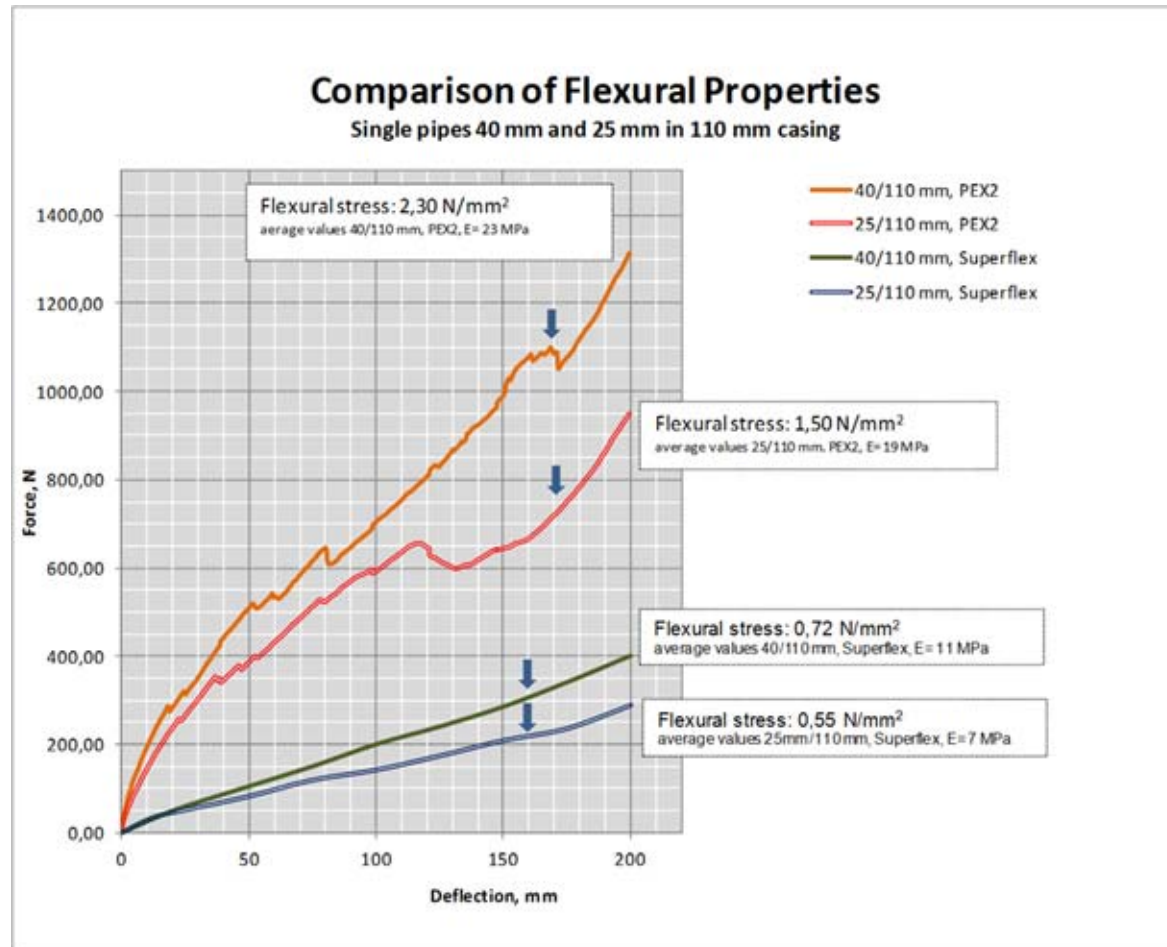


Flexural properties

PexFlextra, single pipe



PexFlextra, single pipe

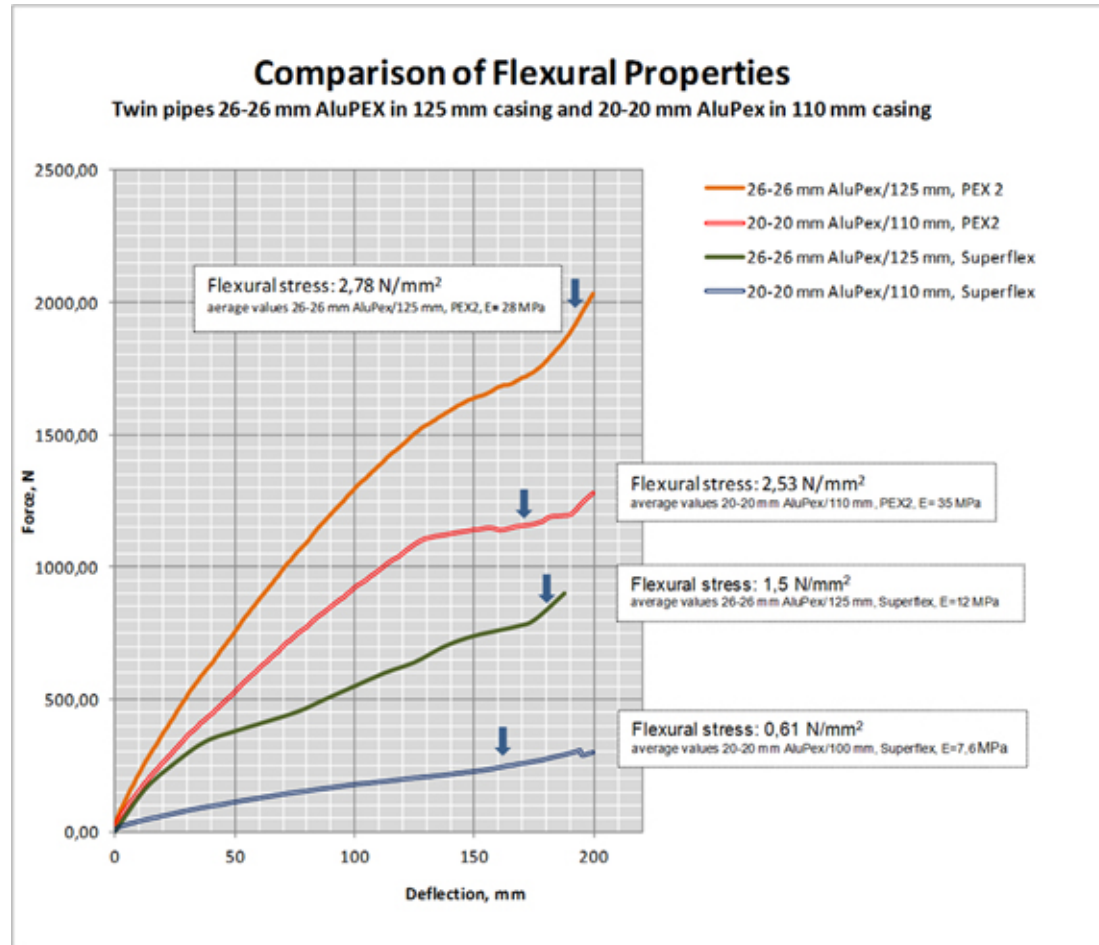


Flexural properties

AluFlextra, TwinPipe



AluFlextra, TwinPipe



For further documentation and description, visit

www.logstor.com/flextrapipe