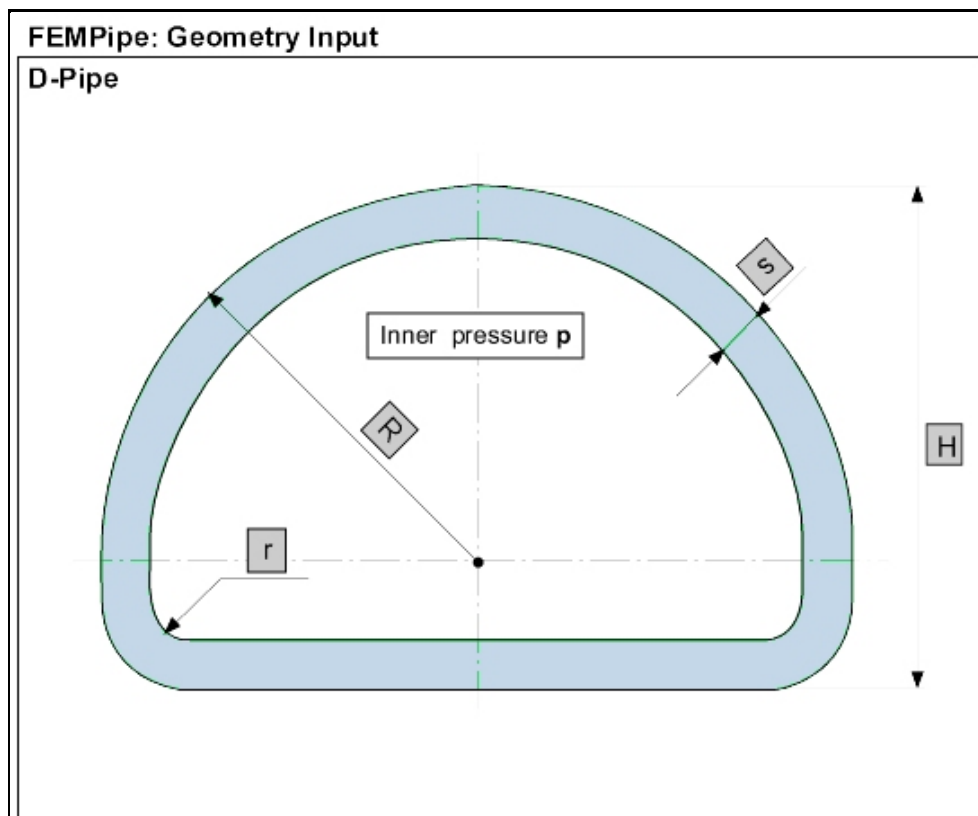


# FEMPipe-Service

## Input of Max Muster, Job-Name: Example 1

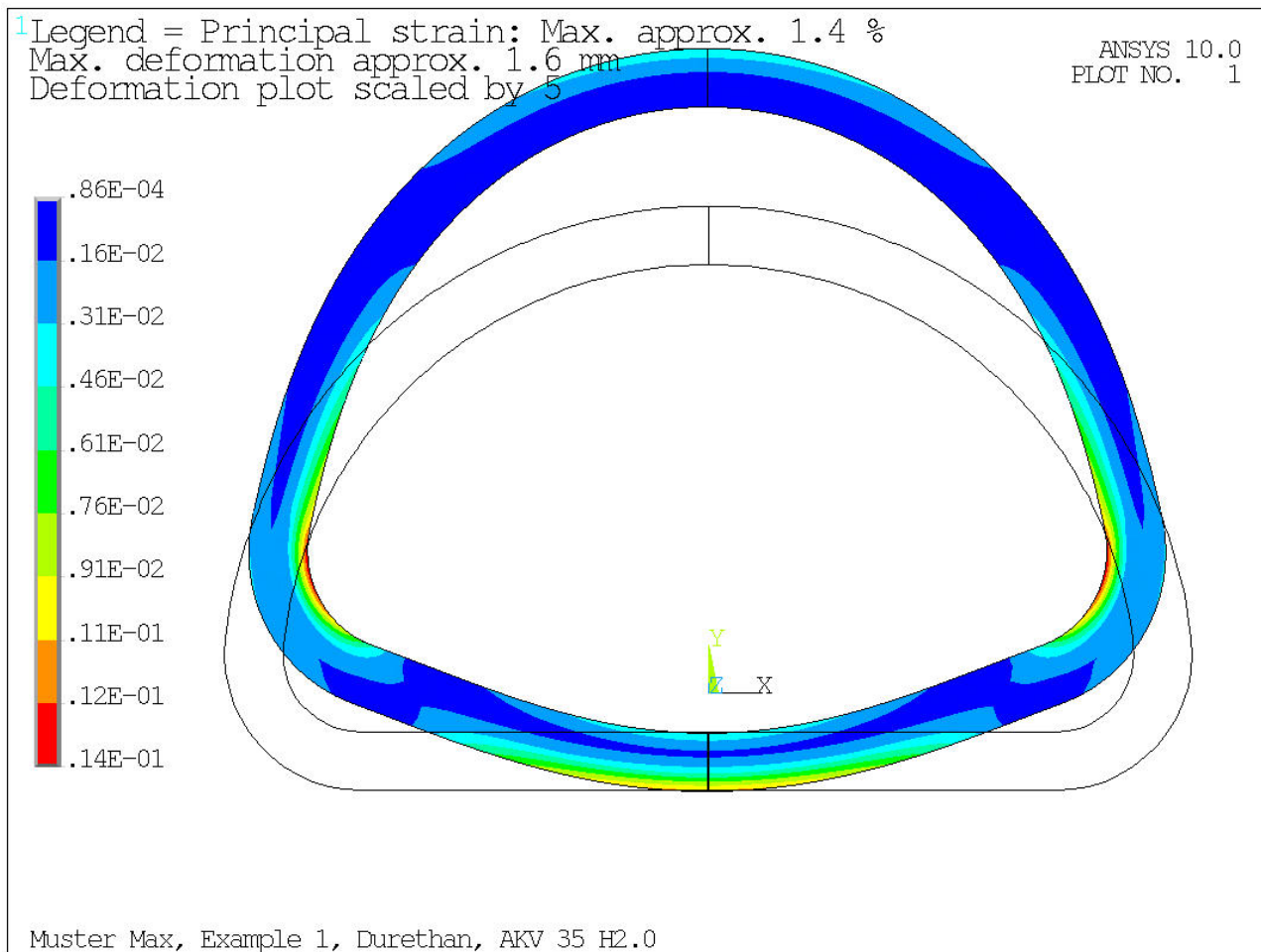
Material name	Durethan AKV 35 H2.0
Temperature	23 °C
Conditioning	Yes



Dimension	Value
s (mm)	3.0
R (mm)	25.0
H (mm)	30.0
r (mm)	4.0
p (bar)	10.0

Thank you for using our service.

## Output of Max Muster, Job-Name: Example 1



### Summary of results:

Calculated strain	%	1.4	admissible
Admissible strain	%	1.8	for a brief one time deflection
Failure strain limit	%	4.0	damage or fracture
max. deformation	mm	1.6	for a brief time deflection

All results are approximate; for further explanations and assumptions see FEMSnap-Manual.

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