

Preliminary sizing of piping specs and support spans in minutes – right in your browser. The Piping Spec Calculator determines wall thicknesses to DIN EN 13480-3, AD 2000, DIN 2413, ASME B31.3, for plastic, copper, hygienic (dairy pipe) and GRP pipes and matches them against the supply range. The Support Span Calculator provides the matching support spacing. The Plant Engineering Infobase explains standards and background – linked both ways.

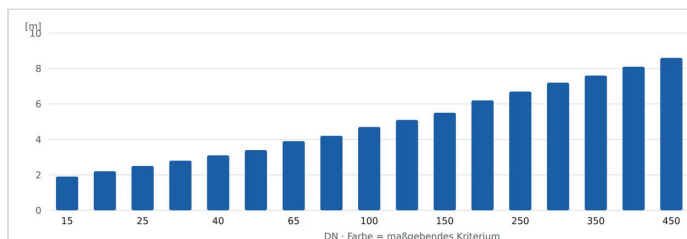
Piping Spec Calculator: standard, material, pressure rating – wall thicknesses per nominal size

Spec sheet as PDF, structure based on DIN 21057

8 standards and dimension series for steel, plastic, hygienic, copper, GRP	31 Materials: steel, stainless steel, nickel, copper, ASME, plastic, GRP	DN 15–1200 nominal size range, support spans up to 40 m	14 Infobase chapters, standards status 09/2026	€0 Piping Spec Calculator free with a customer account; support span, weight, expansion and pressure drop calculators and Infobase free
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THREE TOOLS – ONE WORKFLOW

Piping Spec Calculator Pipe, elbow, reducer and cap to DIN EN 13480-3, AD 2000, DIN 2413, ASME B31.3 or for plastic pipes · supply range · branch table, vacuum resistance · spec sheet as PDF with calculation steps · matching ASEING catalogs	Support Span Calculator Loads from pipe, contents, insulation, cladding, additional and point loads · criteria: deflection, stress based on DIN EN 13480-3 and slope · single-span and continuous beams · take nominal sizes directly from the Piping Spec Calculator	Plant Engineering Infobase 14 chapters as separate pages: flow diagrams, plant identification (KKS, RDS-PP, 81346), I&C, disciplines with matching software and training, piping, piping specs, drawing standards, Plant 3D, laser scanning, standards status with successors
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Support Span Calculator: recommended support span per DN, color = governing criterion

Plant Engineering Infobase with links to the calculators

YOUR BENEFITS

- Ready to use:** in the browser, no installation
- Confidential:** your piping spec remains your trade secret
- Traceable:** formulas, properties and governing criterion in the appendix of every sheet
- Consistent:** same materials and minimum wall thicknesses in spec sheet and support span sheet
- Current:** standard references to DIN EN 13480:2024, DIN 21057 and DIN EN 1092-1:2018
- Practical:** supply range and minimum wall thicknesses from over 20 years of project practice

Free online · www.seitz-ingenieure.de

- Piping Spec Calculator: </rohrklassenrechner/>
- Support Span Calculator: </stuetzweitenrechner/>
- Plant Engineering Infobase: </anlagenbau-infobase/>
- More free calculators: pipe weight, thermal expansion, pipe sizing & pressure drop (PCF import with customer account)
- Preliminary sizing – no substitute for strength verification and pipe

Into practice with ASEING

- Piping catalogs for Plant 3D from €350, complete package €9,990
- Catalog Checker packages: 6-credit €1,020 · 12-credit €1,800 · 24-credit €3,120 · Mini €170
- Book bundles from €149
- PlantConfig Pro project templates: company license from €2,490
- ASEING PlantPlus (command extension) from €990