

DIN EN ISO 16486-2:2025-02 (E)

Plastics piping systems for the supply of gaseous fuels - Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing - Part 2: Pipes (ISO 16486-2:2024)

| Contents | Page |
|---|-------------|
| European foreword | 3 |
| Foreword | 4 |
| Introduction | 5 |
| 1 Scope | 6 |
| 2 Normative references | 6 |
| 3 Terms and definitions | 7 |
| 3.1 Terms related to geometrical characteristics | 7 |
| 3.2 Terms related to material | 7 |
| 3.3 Terms related to joints | 7 |
| 3.4 Abbreviated terms | 8 |
| 4 Compound | 8 |
| 5 General characteristics | 8 |
| 5.1 Appearance | 8 |
| 5.2 Colour | 8 |
| 5.3 Fusion compatibility | 8 |
| 6 Geometrical characteristics | 8 |
| 6.1 Measurement of dimensions | 8 |
| 6.2 Mean outside diameters, out-of-roundness and their tolerances | 8 |
| 6.3 Wall thicknesses and tolerances | 9 |
| 6.3.1 Minimum wall thickness | 9 |
| 6.3.2 Tolerances on wall thickness at any point | 10 |
| 7 Mechanical characteristics | 11 |
| 7.1 Conditioning | 11 |
| 7.2 Requirements | 11 |
| 8 Physical characteristics | 14 |
| 8.1 Conditioning | 14 |
| 8.2 Requirements | 14 |
| 9 Marking | 14 |
| Annex A (normative) Squeeze-off technique | 16 |
| Annex B (informative) Examples of the water uptake over time as a function of the sample thickness | 17 |
| Bibliography | 19 |