

DIN EN ISO 6134:2024-09 (E)

Rubber hoses and hose assemblies for saturated steam - Specification (ISO 6134:2024)

Contents

Page

| | |
|---|-----------|
| European foreword..... | 3 |
| Foreword..... | 4 |
| 1 Scope..... | 5 |
| 2 Normative references..... | 5 |
| 3 Terms and definitions..... | 5 |
| 4 General requirements..... | 6 |
| 5 Classification..... | 6 |
| 6 Materials and construction..... | 6 |
| 7 Dimensions and tolerances..... | 7 |
| 7.1 Diameters, thickness of lining and cover and bend radii..... | 7 |
| 7.2 Length of hoses and hose assemblies and tolerances..... | 7 |
| 7.3 Concentricity..... | 7 |
| 8 Physical properties of compounds..... | 7 |
| 9 Physical properties of finished hoses and hose assemblies..... | 8 |
| 10 Resistance to steam..... | 9 |
| 10.1 Principle..... | 9 |
| 10.2 Short-term exposure..... | 9 |
| 10.3 Long term test..... | 9 |
| 10.4 Observations..... | 9 |
| 10.5 Additional tests..... | 9 |
| 11 Electrical resistance..... | 9 |
| 12 Type testing..... | 10 |
| 13 Marking..... | 10 |
| 13.1 Hoses..... | 10 |
| 13.2 Hose couplings..... | 11 |
| 13.3 Identification of hose assemblies..... | 11 |
| 14 Frequency of testing..... | 11 |
| 15 Storage and admissible storage time..... | 12 |
| Annex A (informative) Test frequency for hose assemblies in use..... | 13 |
| Annex B (normative) Type and routine test..... | 14 |
| Bibliography..... | 15 |