

ISO 4080:2024-06 (E)

Rubber and plastics hoses and tubing, and their assemblies - Determination of permeability to gas

Contents

Page

- Foreword.....iv
- 1 Scope.....1
- 2 Normative references.....1
- 3 Terms and definitions.....1
- 4 Test pieces.....2
 - 4.1 Method 1.....2
 - 4.2 Method 2.....2
 - 4.3 Method 3.....2
- 5 Apparatus.....2
- 6 Test conditions.....3
 - 6.1 Test pieces.....3
 - 6.2 Test temperature.....3
 - 6.3 Test gas.....3
 - 6.4 Test pressure.....3
- 7 Procedure.....3
 - 7.1 General.....3
 - 7.2 Method 1.....4
 - 7.3 Method 2.....4
 - 7.4 Method 3.....5
- 8 Expression of results.....6
- 9 Test report.....7
- Annex A (informative) Guidance on permeability.....8
- Annex B (informative) Guidance on test methods and their application.....10
- Annex C (informative) Saturated vapour pressure.....11
- Bibliography.....12