ISO 5367:2023-07 (E)

Anaesthetic and respiratory equipment - Breathing sets and connectors

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 General requirements 2
4.1 General 2
4.2 Recommended service life 2

5 Materials 2
5.1 General 2
5.2 Biological safety testing 2

6 Design requirements 2
6.1 General 2
6.2 Designated length 2
6.3 Breathing tube ends 3
6.4 Leakage 4
6.5 Resistance to flow 4
6.6 Compliance 5
6.7 Axial strength of breathing tubes 6

7 Requirements for breathing sets and breathing tubes supplied sterile 6

8 Packaging 6

9 Information supplied by the manufacturer 6
9.1 General 6
9.2 Marking on the packaging 7
9.3 Instructions for use 7

Annex A (informative) Rationale 9

Annex B (informative)Hazardidentificationforriskmanagement 14

Annex C (normative) Test for security of attachment of plain end to conical connector 15

Annex D (normative) Test for security of attachment of assembled ends and axial strength of breathing tubes 16

Annex E (normative) Test for leakage 18

Annex F (normative)Measurementofresistancetoflow 20

Annex G (normative)Testforincreaseinflowresistancewithbending 23

Annex H (normative) Test for compliance 25

Bibliography 27