

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 Terms and definitions		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) Hazard identification for risk management		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) Measurement of resistance to flow		20
Annex G (normative) Test for increase in flow resistance with bending		23
Annex H (normative) Test for compliance		25
Bibliography		27