

DIN EN ISO 5367:2023-12 (E)

Anaesthetic and respiratory equipment - Breathing sets and connectors (ISO 5367:2023)

Contents		Page
European foreword		3
Foreword		4
Introduction		5
1	Scope	6
2	Normative references	6
3	Terms and definitions	6
4	General requirements	7
4.1	General	7
4.2	Recommended service life	7
5	Materials	7
5.1	General	7
5.2	Biological safety testing	7
6	Design requirements	7
6.1	General	7
6.2	Designated length	7
6.3	<i>Breathing tube ends</i>	8
6.4	Leakage	9
6.5	Resistance to flow	9
6.6	<i>Compliance</i>	10
6.7	Axial strength of breathing tubes	11
7	Requirements for <i>breathing sets</i> and <i>breathing tubes</i> supplied sterile	11
8	Packaging	11
9	Information supplied by the manufacturer	11
9.1	General	11
9.2	Marking on the packaging	12
9.3	Instructions for use	12
Annex A (informative) Rationale		14
Annex B (informative) Hazard identification for risk management		19
Annex C (normative) Test for security of attachment of <i>plain end</i> to conical connector		20
Annex D (normative) Test for security of attachment of <i>assembled ends</i> and axial strength of <i>breathing tubes</i>		21
Annex E (normative) Test for leakage		23
Annex F (normative) Measurement of resistance to flow		25
Annex G (normative) Test for increase in flow resistance with bending		28
Annex H (normative) Test for <i>compliance</i>		30
Bibliography		32