

ISO 20342-4:2026-02 (E)

Assistive products for tissue integrity when lying down - Part 4: Test methods for durability

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Common test equipment	2
5	Test method for determining the durability of an APTI placed on an articulated support platform	3
5.1	Principle	3
5.2	Test equipment – Test support platform	3
5.3	Test specifications	4
5.3.1	Number of cycles required	4
5.3.2	Evaluation criteria	5
5.4	Procedure	5
5.5	Test report	6
6	Test method for determining the durability of an APTI to withstand user movement	6
6.1	Principle	6
6.2	Test equipment – Loading pad	6
6.3	Test specifications	7
6.3.1	Number of cycles required	7
6.3.2	Evaluation criteria	8
6.4	Procedure	8
6.5	Test report	9
7	Test method for determining the durability of an APTI to withstand storage and operating environmental conditions	9
7.1	Principle	9
7.2	Test equipment – Environmental chamber	9
7.3	Test specifications	9
7.3.1	Testing conditions	9
7.3.2	Evaluation criteria	9
7.4	Procedure	9
7.5	Test report	10
8	Test method for determining the durability of an APTI to withstand user repositioning on an APTI toward the head end of a bed	10
8.1	Principle	10
8.2	Test equipment	10
8.3	Test specifications	11
8.3.1	Testing conditions	11
8.3.2	Evaluation criteria	11
8.4	Procedure	12
8.5	Test report	12
9	Test report	12
Bibliography		14