

# ISO 17492:2003-05 (E)

## Clothing for protection against heat and flame - Determination of heat transmission on exposure to both flame and radiant heat

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Principle .....	3
5	Apparatus .....	4
6	Precautions .....	5
7	Sampling .....	6
7.1	Specimen dimensions .....	6
7.2	Number of specimens .....	6
8	Conditioning and testing atmospheres .....	6
8.1	Conditioning atmosphere .....	6
8.2	Testing atmosphere .....	6
9	Test procedure .....	6
9.1	Calibration procedures .....	6
9.2	Sensor care .....	7
9.3	Specimen holder care .....	8
9.4	Preparation of heat transfer/burn intersection overlay .....	8
9.5	Test specimen mounting .....	8
9.6	Test-specimen exposure .....	9
10	Expression of results .....	9
10.1	Selection of analysis method .....	9
10.2	Thermal-threshold index (TTI) analysis method .....	10
10.3	Heat-transfer index (HTI) analysis method .....	10
10.4	Response to convective and radiant heat exposure .....	11
11	Interlaboratory test data .....	11
12	Test report .....	11
Annex A (informative) Availability of materials .....		16
Annex B (informative) Basis of sensor calibration .....		17
Annex C (informative) Interlaboratory test data .....		18
Bibliography .....		19