

Washable Textile Face Coverings Specification

1) Scope

- a) This specification is intended to be used for washable textile face coverings to be used by the general public whilst in enclosed public places such as using public transport or visiting shops. This specification is **not** applicable for children under the age of 24 months.

WARNING – THIS SPECIFICATION IS NOT FOR FACE MASKS INTENDED TO BE USED IN A MEDICAL/SURGICAL ENVIRONMENT NOR IS IT TO BE USED FOR MASKS THAT INTENDED TO PROTECT THE WEARER FROM INFECTIVE AGENTS.

FACE COVERINGS ARE NOT A REPLACEMENT FOR SOCIAL DISTANCING AND REGULAR HAND WASHING

2) Usage/design

- a) The face covering should cover the mouth and nose.
- b) Hands should be thoroughly washed or sanitised before donning and doffing the face covering.
- c) Children under 7 should be supervised during use,
- d) The face covering should;
 - i) fit snugly against the face,
 - ii) be secured with ties or ear loops, (must lie flat to the face when worn)
 - iii) include at least 2 layers of fabric,
 - iv) allow for breathing without restriction,
 - v) be capable of being cleansed without damage or restriction to the usage,
 - vi) not be dry cleaned.

- 3) Performance and chemical requirements, where applicable, shall be in accordance with ITS-UK-001 Face Covering specification.

4) Labelling

- a) The product markings shall be permanent, legible and durable and shall include;
 - i) Declaration of the fibre composition (EU 1007/2011)
 - ii) Care instructions including the instruction “Do not dry clean” Symbols may be used in accordance with ISO 3758.
 - iii) Size or indication of the age that the product is suitable for.
 - iv) Name and address of the UK manufacturer, UK brand or UK importer.
 - v) Product identification
 - vi) The statement “Not to be used in replacement or in substitute of PPE”

ITS-UK-001		
Attribute	Test Method/ Standard	Requirement/ Limit
Fibre Content Test		
† Fibre content	EU regulation No. 1007/2011 EN ISO 1833	Single : no tolerance - Blends: +/-3%
Material Performance test		
Product weight (if claimed)	Standard Measurement	+/-5%
Tensile Strength (for woven)	ISO 13934-2(1-inch grab test)	12kg min.
Tearing Strength (for woven)	ISO 13937-1(Elmendorf)	700g min.
Seam Slippage/Strength(for woven) Optional for hem seams	ISO 13936-1 ISO 13935-2	6mm Slippage – 7kg min. Strength – 10kg min.
Bursting Strength (for knit)	ISO 13938-1 or 2 (30.5mm)	For <135 g/m2 -- Fabric/Seam:200 kPa For >135 g/m2 -- Fabric/Seam 250 kPa
Breathability (Air Permeability)	ISO 9237	Min 96 l/m2/sec under a pressure of 100 Pa Before and After 5 Washes
Strength Properties at Joining Area / Band Area	IHTM012	50 N No damage observed or detachment of the band
Care Label Tests		
Dimensional Stability to Washing (1x and 5x)	ISO 5077 ISO 6330 ISO 3759	Test as per care label Woven: -/+3.0% Knit: -/+ 5%
Appearance after Wash (1x and 5x)	IHTM 007	Test as per care label Dry as per label Satisfactory
Colour Fastness		



Colour Fastness to Washing

ISO 105 C06

Test as per care label
Colour change:4 min
Colour staining:4 min
Cross Staining 4-5 min

† Organotin	EU REACH Regulation (EC) No. 1907/2006 Annex XVII entry 20	All tri-substituted organotin compounds including (TBT and TPhT) – 0.1% by weight of tin -Dibutyltin (DBT) - 0.1% by weight of tin -Dioctyltin (DOT) - 0.1% by weight of tin
† Phthalates (4P)	EU REACH Regulation (EC) No. 1907/2006 Annex XVII entry 51	0.1% in individually or in total (DEHP, DBP, BBP, DIBP) in all articles (effective 7 July 2020)
† Polycyclic Aromatic Hydrocarbons (PAHs) (8 PAHs)	EU REACH Regulation (EC) No. 1907/2006 Annex XVII entry 50	≤1 mg/kg each PAH (General) ≤ 0.5 mg/kg each PAH (Toys/childcare articles)
† Short Chain Chlorinated Paraffins (SCCPs)	EU POPs Regulation (EC) No. 850/2004	0.15% for articles
† Flame Retardants	EU REACH Regulation (EC) No. 1907/2006 Annex XVII entry 4, 7, 8 (TEPA, TRIS, PBBs) EU REACH Regulation (EC) No. 1907/2006 Annex XVII entry 45 (OctaBDE) EU REACH Regulation (EC) No. 1907/2006 Annex XVII entry 64 (DecaBDE)	TRIS, TEPA, PBB: Not detected (Textile) OctaBDE : < 0.1% (in substances, preparation, article) DecaBDE: < 0.1% (in substance, mixture, article) – (effective 2 March 2019)
† Flame Retardants	EU POPs Regulation (EC) No. 850/2004 (TetraBDE, PentaBDE, HexaBDE, HeptaBDE, HBCDD)	TetraBDE, PentaBDE, HexaBDE, HeptaBDE: <10 mg/kg each HBCDD: ≤ 100 mg/kg
† Perfluorooctane sulfonate (PFOS)	EU POPs Regulation (EC) No. 850/2004	< 1 µg/m ² (textiles or other coated materials) < 0.1% for articles
† Substances of Very High Concern (SVHC)	REACH Regulation (EC) No 1907/2006 Article 33(1) And Article 31	< 0.1%
pH value	ISO 3071	5.0-8.0
Formaldehyde	ISO 14184-1	75 ppm max.
† 33 CMR substances	EU REACH Regulation (EC) No. 1907/2006 Annex XVII entry 72	Refer to REACH requirement (effective 1 Nov 2020)
† Heavy Metals in Packaging and Packaging Components	Directive 94/62/EC and its amendment	Total concentration of Lead (Pb), Cadmium (Cd), Mercury (Hg) and hexavalent

		Chromium (Cr) shall not exceed 100 ppm.
Additional Tests for Children's Items		
Mechanical Hazards of Attached Components	CEN/TR 16792	Must comply
† Mechanical Hazards	EN 71 part 1	No small parts, sharp points /sharp edges
Breakaway feature separation test	EN 71 part 1 Clause 8.38	Compliance
Functional test		
Water repellency Test if claimed	ISO 4920	min. Grade 4 (before and after wash)

† = Mandatory Requirement