

# Price list of Textile Laboratory 2022

## 1. STRENGTH PROPERTIES

Test	Parallel assays (pcs)	Price (vat 0 %)
<b>Maximum force and elongation</b>		
SFS-EN ISO 13934-1:2013 (strip method)	5+5	225 €
SFS-EN ISO 13934-2:2014 (grab method)	5+5	225 €
<b>Maximum force to seam rupture</b>		
SFS-EN ISO 13935-1:2014 (strip method)	5	225 €
SFS-EN ISO 13935-2:2014 (grab method)	5	225 €
<b>Tear force</b>		
SFS-EN ISO 13937-1:2000 (Elmendorf)	5+5	125 €
SFS-EN ISO 13937-2:2000 (trouser-shaped test specimen)	5+5	225 €
SFS-EN ISO 13937-3:2000 (wing-shaped test specimen)	5+5	225 €
<b>Abrasion resistance</b>		
SFS-EN ISO 12947-2...4:2016/1999 / SFS-EN 14465:2004		
max 50 000 rubs	3 or 4	190 €
max 100 000 rubs	3 or 4	250 €

## 2. COLOUR FASTNESS PROPERTIES

Test	Parallel assays (pcs)	Price (vat 0 %)
<b>Colour fastness to light</b> SFS-EN ISO 105-B02:2014	1	by agreement
<b>Colour fastness to weathering</b> SFS-EN ISO 105-B04:1997	1	by agreement
<b>Colour fastness to light and perspiration</b> SFS-EN ISO 105-B07:2009	1+1	by agreement
<b>Colour fastness to laundering</b> SFS-EN ISO 105-C06:2010	1	115 €
<b>Colour fastness to water</b> SFS-EN ISO 105-E01:2013	1	115 €
<b>Colour fastness to sea water</b> SFS-EN ISO 105-E02:2013	1	130 €
<b>Colour fastness to perspiration</b> SFS-EN ISO 105-E04:2013	1+1	130 €
<b>Colour fastness to rubbing</b> SFS-EN ISO 105-X12:2016	2+2	100 €

## 3. BURNING BEHAVIOUR

Test	Price (vat 0 %)
<b>Protective clothing: Limited flame spread</b> SFS-EN ISO 15025:2016	by agreement
<b>Ease of ignition</b> SFS-EN ISO 6940:2004	by agreement
<b>Flame spread properties</b> SFS-EN ISO 6941:2004	by agreement
<b>Fabrics for apparel: burning behavior</b> SFS-EN 1103:2006	by agreement
<b>Curtains and drapes: ignitability, small flame</b> SFS-EN 1101:1996	by agreement
<b>Curtains and drapes: Flame spread properties</b> SFS-EN 1102:2016	by agreement
<b>Curtains and drapes: Flame spread properties, large ignition source</b> SFS-EN 13772:2011	by agreement
<b>Other burning test</b>	

#### 4. OTHER PROPERTIES

Test	Parallel assays (pcs)	Price (vat 0 %)
<b>Pilling, Martindale</b> SFS-EN ISO 12945-2:2020	3	160 €
<b>Resistance to surface wetting (Spray-test)</b> SFS-EN ISO 4920:2013	3	110 €
<b>Resistance to water penetration</b> SFS-EN ISO 811:2018	5	200 €
<b>Water vapour permeability</b> SFS-EN ISO 15496:2018	3	by agreement
<b>Elasticity</b> with reference to SFS-EN ISO 20932-3:2020	5	by agreement
<b>Resistance of yarn slippage, fixed load</b> SFS-EN ISO 13936-2:2004	5+5	250 €
<b>Fibre percolation in multilayer textiles</b> SFS 5070:1985 (withdrawn)	4	200 €
<b>Down proof properties of fabrics</b> with reference to SFS-EN 12132-1:1999	2	200 €
<b>Dimensional changes</b> SFS-EN ISO 5077:2008	2...3	150 €
<b>Appearance after washing</b> with reference to SFS-EN ISO 15487:2018	3	by agreement
<b>Spirality after laundering</b> ISO 16322-2 or -3: 2005 (withdrawn)	3 or 2	150 €
<b>Wrinkle recovery</b> with reference to ISO 9867:2009	3	120 €
<b>Mass per unit area</b> SFS 3192:1974, SFS-EN 12127:1998	5	105 €
<b>Number of threads per unit length</b> SFS-EN 1049-2:1994	3...5	120 €
<b>Stitches per unit length and unit area</b> SFS-EN 14971:2006	5	120 €
<b>Width of fabrics</b> SFS-EN 1773:1997	5...10	100 €
<b>Determination of pH</b> SFS-EN ISO 3071:2020	3	110 €
<b>Water absorbency of textiles</b> ISO 20158:2018	3	150 €
<b>Washing according to standard</b> SFS-EN ISO 6330:2021		50 €
<b>Climate chamber testing</b>		by agreement
<b>NWSP (Nonwoven Test Procedure)</b>		by agreement

#### 5. YARNS AND FIBRES

Test	Parallel assays (pcs)	Price (vat 0 %)
<b>Yarn number</b> SFS-EN ISO 2060:1995 / ISO 7211-5:1984 (withdrawn) / SFS-EN 14970:2006		by agreement
<b>Yarn: maximum force and elongation</b> SFS-EN ISO 2062:2010	20...50	225 €
<b>Yarn and fibre: colour fastness to laundering</b> SFS-EN ISO 105-C06:2010	1	115 €
<b>Determination of yarn twist</b> SFS-EN ISO 2061:2015		by agreement
<b>Identification of fibre material</b>		by agreement

#### 6. OTHER SERVICES

<b>Training, consultation</b>	by agreement
<b>Quality manuals</b>	by agreement
<b>Tailored tests</b>	by agreement

The price include the report in English or Finnish. Finnish VAT 24 % will be added to the price, if applicable. Test photos / videos: ask further information. Urgent proceedings by agreement, the extra charge +50% will be added to the price (ask further information).

#### CONTACT US!

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