

Price list of Textile Laboratory 2023

1. STRENGTH PROPERTIES

| Test | Parallel assays (pcs) | Price (vat 0 %) |
|--|-----------------------|-----------------|
| Maximum force and elongation | | |
| SFS-EN ISO 13934-1:2013 (strip method) | 5+5 | 250 € |
| SFS-EN ISO 13934-2:2014 (grab method) | 5+5 | 250 € |
| Maximum force to seam rupture | | |
| SFS-EN ISO 13935-1:2014 (strip method) | 5 | 250 € |
| SFS-EN ISO 13935-2:2014 (grab method) | 5 | 250 € |
| Tear force | | |
| SFS-EN ISO 13937-1:2000 (Elmendorf) | 5+5 | 150 € |
| SFS-EN ISO 13937-2:2000 (trouser-shaped test specimen) | 5+5 | 250 € |
| SFS-EN ISO 13937-3:2000 (wing-shaped test specimen) | 5+5 | 250 € |
| Abrasion resistance | | |
| SFS-EN ISO 12947-2...4:2016/1999 / SFS-EN 14465:2004 | | |
| max 50 000 rubs | 3 or 4 | 225 € |
| max 100 000 rubs | 3 or 4 | 290 € |

2. COLOUR FASTNESS PROPERTIES

| Test | Parallel assays (pcs) | Price (vat 0 %) |
|--|-----------------------|-----------------|
| Colour fastness to light SFS-EN ISO 105-B02:2014 | 1 | by agreement |
| Colour fastness to weathering SFS-EN ISO 105-B04:1997 | 1 | by agreement |
| Colour fastness to light and perspiration SFS-EN ISO 105-B07:2009 | 1+1 | by agreement |
| Colour fastness to laundering SFS-EN ISO 105-C06:2010 | 1 | 130 € |
| Colour fastness to water SFS-EN ISO 105-E01:2013 | 1 | 115 € |
| Colour fastness to sea water SFS-EN ISO 105-E02:2013 | 1 | 130 € |
| Colour fastness to perspiration SFS-EN ISO 105-E04:2013 | 1+1 | 150 € |
| Colour fastness to rubbing SFS-EN ISO 105-X12:2016 | 2+2 | 115 € |

3. BURNING BEHAVIOUR

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

4. OTHER PROPERTIES

| Test | Parallel assays (pcs) | Price (vat 0 %) |
|---|--------------------------|--------------------|
| Pilling, Martindale SFS-EN ISO 12945-2/4:2020 | 3 | 180 € |
| Permeability to air SFS-EN ISO 9237:1996 | 10 | 225 € |
| Resistance to surface wetting (Spray-test) SFS-EN ISO 4920:2013 | 3 | 120 € |
| Resistance to water penetration SFS-EN ISO 811:2018 | 5 | 225 € |
| Water vapour permeability SFS-EN ISO 15496:2018 | 3 | by agreement |
| Elasticity with reference to SFS-EN ISO 20932-3:2020 | 5 | by agreement |
| Resistance of yarn slippage, fixed load SFS-EN ISO 13936-2:2004 | 5+5 | 275 € |
| Fibre percolation in multilayer textiles SFS 5070:1985 (withdrawn) | 4 | 225 € |
| Down proof properties of fabrics with reference to SFS-EN 12132-1:1999 | 2 | 225 € |
| Dimensional changes SFS-EN ISO 5077:2008 | 2...3 | 175 € |
| Appearance after washing with reference to SFS-EN ISO 15487:2018 | 3 | by agreement |
| Spirality after laundering ISO 16322-2 or -3: 2005 (withdrawn) | 3 or 2 | 175 € |
| Wrinkle recovery with reference to ISO 9867:2009 (withdrawn) | 3 | 150 € |
| Mass per unit area SFS 3192:1974, SFS-EN 12127:1998 | 5 | 115 € |
| Number of threads per unit length SFS-EN 1049-2:1994 | 3...5 | 130 € |
| Stitches per unit length and unit area SFS-EN 14971:2006 | 5 | 130 € |
| Width of fabrics SFS-EN 1773:1997 | 5...10 | 100 € |
| Determination of pH SFS-EN ISO 3071:2020 | 3 | 125 € |
| Water absorbency of textiles ISO 20158:2018 | 3 | 170 € |
| Washing according to standard SFS-EN ISO 6330:2021 | | by agreement |
| Climate chamber testing | | by agreement |
| NWSP (Nonwoven Test Procedure) | | by agreement |

5. YARNS AND FIBRES

| Test | Parallel assays (pcs) | Price (vat 0 %) |
|---|--------------------------|--------------------|
| Yarn number SFS-EN ISO 2060:1995 / ISO 7211-5:2020 / SFS-EN 14970:2006 | | by agreement |
| Yarn: maximum force and elongation SFS-EN ISO 2062:2010 | 20...50 | 250 € |
| Yarn and fibre: colour fastness to laundering SFS-EN ISO 105-C06:2010 | 1 | 130 € |
| Determination of yarn twist SFS-EN ISO 2061:2015 | | by agreement |
| Identification of fibre material with reference to ISO/TR 11827:2016 | | by agreement |

6. OTHER SERVICES

| | |
|-------------------------------|--------------|
| Training, consultation | by agreement |
| Quality manuals | by agreement |
| Tailored tests | 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). Returning of the samples: 30 EUR / shipment.

CONTACT US!

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