



## IDFL LOCATIONS

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## **NOTES TO CLIENTS**

1. IDFL testing and other services are subject to IDFL Terms and Conditions as found at [www.idfl.com](http://www.idfl.com).
2. Samples must be received before 12:00 noon to guarantee Same-day Service.
3. Samples and requests for other services received after 15:00 may be counted as arrival on the next day for RUSH Service purposes.
4. Normal testing turnaround is 8-10 business days.
5. Prices for testing and other services will be quoted upon request.
6. Client payment is required in advance unless IDFL has approved payment on account.
7. Test samples are normally held for 90 days unless prior arrangement has been made by client. (see price list for sample storage fee)
8. Test samples may be returned at the request of client.
9. Terms and conditions, prices for testing fees, and prices for other services may change without prior notice.
10. This testing services list is valid for all samples received and services requested on or after 1 January 2026.
11. This testing services list replaces all previous testing services lists.

DESCRIPTION	Standards / Methods
<b>REPORTING, STORAGE, RETURN FEES</b>	
Re-issue/Re-send Reports	
Re-Test Fees (% of original Cost)	
Return Sample Fee 1st Sample in a set (Shipping not included)	
Return Sample Fee - add'l samples in set (Shipping not included)	
Component Preparation & Return Fee	
Return Sample Fee - Maximum charge	
Sample shipped to other IDFL office for testing (per set) - client request	
Monthly Sample Storage Fee beyond 3 months - Bulk Down	
Monthly Sample Storage Fee beyond 3 months - Finished Product	
Report - Hard Copy mailed to client - 1st copy	
Report - Hard Copy mailed to client - Additional copies	
Pictures - Provide Photos of Testing - First 5 photos	
Pictures - Provide Photos of Testing - Each add'l 5 Photos	
Video - Provide Video of Testing - (Varies by time spent)	
Dual Language Report - English + German or French or Spanish	
Dual Language Report - English + Other Languages	
<b>RUSH FEES</b>	
5-day RUSH	
3-day RUSH	
2-day RUSH	
1-day RUSH	
Same day RUSH	
<b>FINISHED PRODUCT INSPECTION</b>	
<b>Single Product (Any Filling)</b>	
<i>(See other categories for evaluation of specific fillings)</i>	
<i>(See net fill weight section and on-site inspections section)</i>	
Label Evaluation & Format Verification (single market)	
Label Evaluation (Multiple evaluations for all markets)	

Size Check	All Methods
Filling or Down Distribution	IDFL 18
Stitch Count & Stitch Quality Check	IDFL 16
Fabric Flaws	IDFL 250
General Workmanship	IDFL 251
<b>Single Product Inspection Package - Single Market</b> (including all of the tests above for a single market)	
<b>Single Product Inspection Package - All Markets</b> (including all tests above + label evaluation for all markets)	
<b>LAUNDERING OPTIONS</b> <b>-- Fiberproof and Downproof</b> <b>-- Appearance after Laundering or Dry Cleaning</b> <b>-- Other Textile &amp; Finished Product Tests</b>	
<b>FABRIC ONLY</b>	
Laundering (per Wash Cycle) - Fabric	All Methods
Laundering (per Dry Cycle) - Fabric	All Methods
Laundering (per Wash/Dry Cycle) - Fabric	All Methods
Dry Cleaning (per Cycle) - Fabric	All Methods
<b>PER WASH CYCLE -- WITH ANY FILLING</b>	
Laundering (per Wash Cycle) - Pillow (Bedding & Test Pillows)	All Methods
Laundering (per Wash Cycle) - Mock-up Panels, Channeled Fabric, Mattress Pads, Other Bedding Products	All Methods
Laundering (per Wash Cycle) - Outerwear	All Methods
Laundering (per Wash Cycle) - Comforter / Quilt	All Methods
<b>DRY CYCLE - with Down &amp; Feather Fillings</b>	
Laundering (per Dry Cycle) - D&F Pillows (Bedding & Test Pillows)	All Methods
Laundering (per Dry Cycle) - D&F Mock-up Panels, Channeled Fabric, Mattress Pads, Other Bedding Products	All Methods
Laundering (per Dry Cycle) - D&F Outerwear	All Methods
Laundering (per Dry Cycle) - D&F Comforter / Quilt	All Methods
<b>WASH/DRY CYCLE - with Down &amp; Feather Fillings</b>	
Laundering (per Wash/Dry Cycle) - D&F: Pillow (Bedding & Test Pillows)	All Methods
Laundering (per Wash/Dry Cycle) - D&F: Mock-up Panels, Channeled Fabric, Mattress Pads, Other Bedding Products	All Methods

Laundrying (per Wash/Dry Cycle) - <b>D&amp;F: Outerwear</b>	All Methods
Laundrying (per Wash/Dry Cycle) - <b>D&amp;F: Comforter / Quilt</b>	All Methods
<b>POLYESTER &amp; OTHER FILLINGS</b>	
<b>DRY CYCLE - with Polyester &amp; Other Fillings</b>	
Laundrying (per Dry Cycle) - <b>Non-Down:</b> Pillows (Bedding & Test Pillows)	All Methods
Laundrying (per Dry Cycle) - <b>Non-Down:</b> Mock-up Panels, Channeled Fabric, Mattress Pads, Other Bedding Products	All Methods
Laundrying (per Dry Cycle) - <b>Non-Down:</b> Outerwear	All Methods
Laundrying (per Dry Cycle) - <b>Non-Down:</b> Comforter / Quilt	All Methods
<b>WASH/DRY CYCLE - with Polyester &amp; Other Fillings</b>	
Laundrying (per Wash/Dry Cycle) - <b>Non-Down:</b> Pillow (Bedding & Test Pillows)	All Methods
Laundrying (per Wash/Dry Cycle) - <b>Non-Down:</b> Mock-up Panels, Channeled Fabric, Mattress Pads, Other Bedding Products	All Methods
Laundrying (per Wash/Dry Cycle) - <b>Non-Down:</b> Outerwear	All Methods
Laundrying (per Wash/Dry Cycle) - <b>Non-Down:</b> Comforter / Quilt	All Methods
<b>DRY CLEANING</b>	
Dry Cleaning (per Cycle) - Fabric	All Methods
Dry Cleaning (per Cycle) - Pillow (Bedding & Test)	All Methods
Dry Cleaning (per Cycle) - Outerwear, Panels, Channeled Fabric	All Methods
Dry Cleaning (per Cycle) - Comforter / Quilt	All Methods
<b>SYNTHETIC FILLING TESTS</b>	
Clumping/Matting Evaluation	
Clumping/Matting Pillow*	IDFL 202
Clumping/Matting Jacket*	IDFL 202
Clumping/Matting Quilt*	IDFL 202
Clumping/Matting- IDFL creates test pillow for evaluation	IDFL 202
<b>*Clumping/Matting Pricing Calculation:</b> <b>1. The Laundrying/Dry Cleaning (Cost per cycle) - see Laundrying Options Section.</b> <b>2. The Clumping/Matting test price listed</b>	
Cohesion - Synthetic Filling	IDFL 207
Compression and Recovery - Synthetic Filling	IDFL 211 IDFB 19

Corner Evaluation Test	IDFL 254
Corner Evaluation Test After Wash	IDFL 254
Crimp Frequency - Synthetic Filling	ASTM D3937
Crimp Index/Magnitude - Synthetic Filling	IDFL 206
Crimp Type (Spiral, Mechanical) - Synthetic Filling	IDFL 205
Denier / Tex - Synthetic Filling	ASTM D1577
Dimensional Stability	
Fiber Ball Size - Synthetic Filling	IDFL 201
Fiber Analysis - Synthetic Filling	All Methods
Fiber Analysis - Synthetic Filling - Add'l Fibers after first	All methods
<b>Fill Power - See FILL POWER Section</b>	
Fiber Cross-Section Design - Synthetic Filling using SEM	IDFL 204
Fill Distribution & Evenness (Pillow)	
Filling Distribution (Quilts)	
Loft Height Test - Sleeping Bags -Synthetic Filling	ASTM F1932
Loft Height Test - Quilt -Synthetic Filling	IDFL 256
Loft Height Test - Pillow -Synthetic Filling	IDFL 256
Odor Test - Synthetic Filling	All Methods
Opening Ratio - Synthetic Filling	IDFL 200
Opening Type	
Oxygen - Synthetic Filling	IDFB 7
pH - Synthetic Filling	IDFB 6
Pillow Firmness	IDFL 210
Product Fluff	
Resiliency/Recovery - Synthetic Filling	IDFL 144
Percent Finish - Synthetic Filling	IDFL 258
Staple Length - Synthetic Filling	ASTM D5103
Turbidity - Synthetic Filling	IDFB 11
Virgin or Regenerated Fiber Analysis - Synthetic Filling	IDFL 208
<b>Synthetic Fill Before Wash Product Evaluation Package</b> (Corner Evaluation Test, Loft Height Test, Opening Type, Fill Distribution and Evenness (Pillow), Filling Distribution (Quilts))	
<b>Synthetic Fill After Wash Product Evaluation Package</b> (Dimentional Stability, Corner Evaluation Test After Wash, Clumping and Matting After Wash, Loft Height After Wash)	

<b>Synthetic Filling - 4 Test Package</b> (Crimp Frequency, Crimp Type, Denier/Tex, Staple Length)	Various
<b>Synthetic Filling - 7 Test Package</b> (4-Test Package + Clumping Test After 1 Wash, Opening Ratio, Resiliency)	Various
<b>NATURAL FILLING TESTS (non-down)</b>	
<i>IDFL can perform tests for many natural fillings such as wool, silk, cotton, etc. Also, some of the tests designed for down and feathers can also apply to other non-down natural fillings. Please see next section for down and feather fillings.</i>	
Clumping/Matting Evaluation	
Clumping/Matting Pillow*	IDFL 202
Clumping/Matting Jacket*	IDFL 202
Clumping/Matting Quilt*	IDFL 202
Clumping/Matting- IDFL creates test pillow for evaluation	IDFL 202
<b>*Clumping/Matting Pricing Calculation:</b> <b>1. The Laundering/Dry Cleaning (Cost per cycle) - see Laundering Options Section.</b> <b>2. The Clumping/Matting test price listed</b>	
Compression/Recovery - Natural Fillings	IDFL 211 IDFB 19
Fiber Analysis - Natural Filling	All Methods
Fiber Analysis - Natural Filling - Add'l Fibers after first	
<b>Fill Power - See FILL POWER Section</b>	
Loft Height Test - Sleeping Bags -Natural Fillings	ASTM F1932
Loft Height Test - Filled Products -Natural Fillings	IDFL 256
Loft Height Test - Pillow -Natural Filling	IDFL 256
Odor Test - Natural Fillings	All Methods
Oxygen - Natural Fillings	IDFB 7
pH - Natural Fillings	IDFB 6
Resiliency/Recovery - Natural Fillings	IDFL 144
Staple Length - Natural Fillings	ASTM D5103
Turbidity - Natural Fillings	IDFB 11
<b>WOOL FILLING SPECIAL TESTS</b>	
<i>In addition to the above tests for all natural fillings, the following are special tests for wool fillings.</i>	
DCM Extractable Material	TWC 136
Fiber Bulk	TCW 265
Mean Fiber Length	ITWO 5-97

Percentage of Kemp (Fully Medullated) Fiber	IWTO 8
Vegetable Matter	IWTO 19-76
Weight of Wool in Filling or Layer	TCW 13
Wool Content	TCW 155
<b>DOWN &amp; FEATHER - TEST PACKAGES</b>	
<b>Note: Test packages are normally discounted 20-25% or more from the list price of individual tests.</b>	
<b>6 - Test Packages</b> <i>All 6 - test packages include: Content, Species, Oxygen, Turbidity, Fill Power, Label Evaluation (Test methods vary according to country or region standard. Europe and Swiss packages include both EN Tumble Dry and IDFB Steam Fill Power.)</i>	
<b>Australia: 6 - Test Package</b>	AS 2479 AS 4823
<b>Canada: 6 - Test Package</b>	GP, CAN/CGSB
<b>China: 6 - Test Package</b>	GB/T, QB/T
<b>Europe: 6 - Test Package</b> (includes EN TD & Steam Fill Power)	EN & PAS
<b>IDFB General: 6 - Test Package</b>	IDFB
<b>Japan: 6 - Test Package</b>	JIS
<b>Korea: 6 - Test Package</b>	KS
<b>Russia: 6 - Test Package</b>	GOST
<b>Swiss: 6 - Test Package</b> (includes EN TD & Steam Fill Power)	VSF, EN & PAS
<b>Taiwan: 6 - Test Package</b>	CNS
<b>USA: 6 -Test Package</b>	IDFB USA-2000, ASTM 4522
<b>9 - Test Packages</b> <i>All 9 - test packages include the 6 - Test Package plus Moisture Content, pH and Fat &amp; Oil</i>	
<b>Australia: 9 - Test Package</b>	AS 2479 AS 4823
<b>Canada: 9 - Test Package</b>	GP, CAN/CGSB
<b>China: 9 - Test Package</b> (includes odor instead of pH)	GB/T, QB/T
<b>Europe: 9 - Test Package</b>	EN & PAS
<b>IDFB General: 9 - Test Package</b>	IDFB
<b>Japan: 9 - Test Package</b>	JIS
<b>Korea: 9 - Test Package</b>	KS
<b>Russia: 9 - Test Package</b>	GOST

<b>Swiss: 9 - Test Package</b>	VSB, EN & PAS
<b>Taiwan: 9 - Test Package</b>	CNS
<b>USA: 9 - Test Package</b>	IDFB, USA-2000, ASTM 4522
<b>China: 10 - Test GB/T 14272 Garment Test Package</b> Content, Species, Color, Oxygen, Turbidity, Fat and Oil, Fill Power Steam, Odor, APEO, Down Garments Evaluation	GB/T 14272
<b>China: 9 - Test GB/T 14272 Garment Test Pkg w/o Color</b> Content, Species, Oxygen, Turbidity, Fat and Oil, Fill Power Steam, Odor, APEO, Down Garments Evaluation	
<b>China: 9 - Test GB/T 14272 Garment Test Pkg w/o Species</b> Content, Color, Oxygen, Turbidity, Fat and Oil, Fill Power Steam, Odor, APEO, Down Garments Evaluation	
<b>China: 8 - Test GB/T 14272 Garment Test Pkg w/o Species or Color</b> Content, Oxygen, Turbidity, Fat and Oil, Fill Power Steam, Odor, APEO, Down Garments Evaluation	
<b>Compliance Packages</b> <i>The following packages verify compliance with the regulations and performance standards of various markets.</i>	
<b>USA Compliance Package (ADFC) - Pillow</b> IDFB Test Methods: Content, Species, Oxygen, Turbidity, Fill Power, Size, Net Fill Weight, Thread Count	IDFB Methods ADFC Compliance
<b>USA Compliance Package (ADFC) - Quilt</b> (See Pillow above for list of tests)	IDFB Methods ADFC Compliance
<b>USA Compliance Package (ADFC) - Cushions &amp; Decorative Pillows</b> (Content, Species, Oxygen, Turbidity, Average Feather Length, Size, Net Fill Weight, Thread Count)	IDFB Methods ADFC Compliance
<b>USA Compliance Package - Outerwear/Apparel</b> (USA 6-Test Package + Net Fill Weight)	IDFB Methods
<b>USA Compliance Package - Sleeping Bag</b> (All USA Pillow Package Tests except thread count)	IDFB Methods
<b>Europe - Bedding Package (Filling Only)</b> (Content, Species, Turbidity, Oxygen, Fat & Oil, pH, Fill Power )	EN 13186
<b>Europe - Bedding Package (Filling &amp; Fabric)</b> (Filling Test above + Size, Net Fill Weight, Downproof, Colorfastness, Shrinkage)	EN 13186



<b>Europe - Outerwear Package (Filling Only)</b> (Content, Species, Oxygen, Turbidity, Fat & Oil, pH, Fill Power)	EN 13536
<b>Europe - Outerwear Package (Filling &amp; Fabric)</b> (Filling Test above + Net Fill Weight, Downproof, Water Permeability, Colorfastness, Shrinkage)	EN 13536
<b>Europe - Sleeping Bag Package (Filling Only)</b> (Content, Species, Oxygen, Turbidity, Fill Power)	ISO 23537
<b>Europe - Sleeping Bag Package (Filling and Fabric)</b> (Filling Package Above + Downproof, Abrasion, Tear Strength, Colorfastness, Water Absorption, Water Vapor Permeability, Compression and Packability)	ISO 23537
<b>Europe - Sleeping Bag Pkg (Fill, Fabric &amp; Thermal)</b> (Filling and Fabric Package Above + Thermal Insulation Test Requires 2 bags)	ISO 23537
<b>Europe - Sleeping Bag (Thermal Insulation Only)</b> (Test Thermal Insulation Only)	ISO 23537
<b>Japan - Bedding Package</b> (Content, Species, Color/Black Point, Oxygen, Turbidity, Fill Power, Fat & Oil, Size, Net Fill Weight)	JIS / JDFA
<b>CHINA Compliance Packages</b> <i>The following packages verify compliance with the regulations and performance standards in China.</i>	
<b>China - Outerwear Package (Filling Only)</b> Content, Species, Color, Oxygen, Turbidity, Fat & Oil, Moisture, Fill Power, Odor)	GB/T 14272
<b>China - Outerwear Package (Filling + Bioburden)</b> (Filling Tests Above + Bioburden)	GB/T 14272
<b>China - Outerwear Package (Filling &amp; Fabric)</b> (Filling Tests Above + Product Inspection, Fiber Analysis, Formaldehyde, pH, AZO dyes, Colorfastness, Slippage, Penetration Resistance, Button Strength)	GB/T 14272
<b>China - Outerwear Package (Fill/Fabric + Bioburden)</b> (Filling and Fabric Tests Above + Bioburden)	GB/T 14272
<b>China - Quilt Pkg QB/T 1193 (Filling Only)</b> (Content, Species, Color, Oxygen, Turbidity, Fat & Oil, Moisture, Fill Power, Odor)	QB 1193
<b>China - Quilt Pkg QB/T 1193 (Filling &amp; Fabric)</b> (Filling Tests above + Downproof, Formaldehyde, APEO, Odor, Air Permeability, Colorfastness, Dimensional Stability, Color Shade, Skewing, Inspection Defects & Workmanship)	QB 1193

<b>China - Mattress Pad Pkg QB/T 1194 (Filling Only)</b> (Content, Species, Color, Oxygen, Turbidity, Fat & Oil, Moisture, Fill Power, Odor)	QB 1194
<b>China - Mattress Pad Pkg QB/T 1194 (Filling &amp; Fabric)</b> (Filling Tests above + Downproof, Formaldehyde, APEO, Odor, Air Permeability, Colorfastness, Dimensional Stability, Color Shade, Skewing, Inspection Defects & Workmanship)	QB 1194
<b>China - Sleeping Bag Pkg QB/T 1195 (Filling Only)</b> (Content, Species, Color, Oxygen, Turbidity, Fat & Oil, Moisture, Fill Power, Odor)	QB 1195
<b>China - Sleeping Bag Package QB/T 1195 (Filling &amp; Fabric)</b> Tests above + fabric - call for details.	QB 1195
<b>GB/T 14272 Garment 10-Test Package</b>	
<b>China - Pillow Package QB/T 1196 (Filling Only)</b> (Content, Species, Color, Oxygen, Turbidity, Fat & Oil, Moisture, Odor)	QB 1196
<b>China - Pillow Package QB/T 1196 (Filling &amp; Fabric)</b> Tests above + fabric - call for details.	QB 1196
<b>China - Bulk Plumage Package (Filling Only)</b> (Content, Species, Color, Oxygen, Turbidity, Fat & Oil, Moisture, Fill Power, Odor)	GB 10288
<b>CONTENT/ COMPOSITION (Down &amp; Feather)</b>	
Canada Content	GP, CAN/CGSB
China Content	All China Methods
Australia Content	AS 4823
Europe Content	EN 12131 / 12934
IDFB General Content	IDFB 3
Japan Content	JIS L903 8.2
Korea Content	KS K0820:2008
Russia Content	GOST
Swiss Content	VSB 1.05, EN 12131
Taiwan Content	CNS 2119 N1034
USA Content	IDFB 3, USA 2000
Added Fee for Difficult Sample: IDFB, Canada, China, Korea, Russia, Taiwan & USA Methods; Reasons: High Fiber, High Landfowl, etc.	All Methods
Added Fee for Difficult Sample: Australia, Europe, Japan, and Swiss Methods; Reasons: High Fiber, High Landfowl, etc.	All Methods

OTHER COMPOSITION (Down and Feathers)	
Color Separation	IDFB 16 & Others
Average Feather Length	IDFB 14 & Others
Average Down Size	IDFL 132
Feather Pre-Sort	IDFB 13 & Others
Neck Feather Separation	IDFL 136
Couche (Used Material) Evaluation	IDFL 133
<b>Note: Content, Species and Color tests are also required</b>	
Couche (Used Material) Evaluation	Japan Method
Comparison of Two Different Samples (Look, Touch, Feel)	IDFL 1
Glue Down Evaluation	IDFL 40
<b>Note: Content Analysis test also required</b>	
Glue Down Evaluation	IDFL 20-A
<b>Note: Content Analysis test also required</b>	
Glue Down Evaluation	IDFL 20-B
<b>Note: Content Analysis test also required</b>	
CONTENT/COMPOSITION (Blended Down)	
<p><b>Blended down testing requires three separate fees:</b></p> <ol style="list-style-type: none"> <li><b>1. Chemical Separation Fee</b></li> <li><b>2. Normal Down Content (according to Market -- see above)</b></li> <li><b>3. Added Manual Separation Fee</b></li> </ol> <p><b>NOTE: The chemical separation can be requested alone.</b></p>	
Blended Down Chemical Separation Fee	IDFB 15-A, IDFB 15-B
Polyester blended with Down: Added Manual Separation Fee	IDFB 15-A
Lyocell blended with Down: Added Manual Separation Fee	IDFB 15-B
Foam blended with Down: Added Manual Separation Fee	IDFB-15-C
Wool blended with Down: Added Manual Separation Fee	IDFL 420
Silk blended with Down: Added Manual Separation Fee	IDFL 400
Milkweed or other plant fibers blended with Down: Added Fee	IDFL 440
Other Synthetic Fibers blended with Down: Added Fee	IDFL Method

<b>SPECIES - Down and Feathers</b>	
Species - Down Only	IDFB 12 AS 2479 GB/T 10288 GB/T 14272 CNS 13982-10 L3253-10 KS K 0820 7.2
Species - Feathers only	IDFB 12 AS 2479 GB/T 10288 GB/T 14272 CNS 13982-10 L3253-10 KS K 0820 7.3
Species - Both Down & Feather	IDFB 12 AS 2479 GB/T 10288 GB/T 14272 CNS 13982-10 L3253-10 KS K 0820 7.4
Species Preparation Fee (required for species without content)	IDFL 17
Species Maldi-Toff Method	Maldi Toff
<b>SPECIAL TESTING - Down and Feathers</b>	
Isotope (Evaluation of Country or Region of Origin); Per Species (NOTE: Species Test is also required for Isotope Testing)	
Species Separation for Isotope; Down and Feather	
Species Separation for Isotope; Down only or Feather Only	
<b>CLEANLINESS - Down &amp; Feathers</b>	
Oxygen Number	IDFB 7 JIS L 1903 EN 1162 AS 4823.2 KS K0820:2014 7.5 CNS 13982-7 L3253-7 GB/T 1028 GB/T 14272
Turbidity mm & NTU	All methods
Turbidity mm & ABS	All methods
Turbidity mm & NTU & ABS	All methods
Fat & Oil	IDFB 4 EN 1163 CNS 13982-4 L3253-4 FZ/T 80001 GB/T 10288 GB/T 14272 JIS L 1903 KS K 0820 7.9
pH Value	IDFB 6 ISO 3071 CNS 13982-6 L3253-6 AS 2001.3.1 GB/T 7573
Moisture Content	IDFB 5 AS 4823.1 EN 1161 FZ/T 80001 JIS L 1903 KS K 0820 7.8 GB/T 14272 CNS 13982-5 L3253-5

Odor Evaluation	IDFL 30 FZ/T 80001 GB/T 10288 KS K 0820 7.6 GB/T 14272
Dust Evaluation	IDFL 21
Dust Evaluation - Japan	JDFA Method
Insect Damage Evaluation	IDFL 16
Estimated Wash Loss of Raw Material	IDFL 22
Bioburden (Microbiology Evaluation of Filling)	EN 1884 GB/T 14272
British Cleanliness - Appendix A	BS 1425
British Cleanliness - Appendix B	BS 1425-1
British Cleanliness - Appendix C	BS 1425
British Cleanliness - Appendix D	BS 1425
<b>ANALYTICAL/CHEMICAL TESTS - Any Filling</b>	
AP & APEO (OP, NP, OPEO, NPEO)	All methods
APEO on Plastic	IOS MAT-0010/0066/0088
AZO Dyes (Banned Amines)	All methods
Allergen Dyes	All methods
Carcinogenic Dyes	GB/T 20382
Chlorinated Phenols (PCP/TeCP/TriCP)	GB/T 18414
Ortho-Phenylphenol (o-PP)	GB/T 20386
Element Test (Identification of foreign material in down & feathers)	IDFL 39, All methods
Extractable Metal Content (Each Element)	EN 1122 ASTM E1645 GB/T 17593
Extractable Metal Content (Up to 5 Elements)	BS 6810
Formaldehyde - Free	ISO 14184-1 GB/T 2912.1 JIS L 1041 8.2.1
Formaldehyde - Release	ISO 14184-2 GB/T 2912.2 JIS L 1041 8.2.2
Nickel Release	EN 12472
NP/NPEO	EN ISO 17254
Organotin Compounds (TBT, DBT, TPhT, DOT)	All Methods
Perfluorinated Carbons (PFCs)	GB/T24169, SN/T3694.9
Perfluorooctane Sulfonate (PFOS)	GB/T 24169 SN/T 3694.9
Perfluorooctanoic Acid (PFOA)	GB/T 24169 SN/T 3694.9

Pesticides (17 items)	All methods
Pesticides (22 items)	All methods
Phthalates (DINP, DNOP, DEHP, DIDP, BBP, DBP)	GB/T 20388
Poly Chlorinated Biphenyls (PCBs)	All methods
<b>FILLPOWER - Any Filling</b>	
<b>Note: Fill Power was designed for Down and Feathers. However, many synthetic and non-down natural fillings can also be tested for fill power. Padding or Matted fibers usually cannot be tested for fill power.</b>	
Box Conditioning	IDFL 10, IDFL 209
Tumble Dry Conditioning	EN 12130/PAS 2003
Steam Conditioning	IDFB 10-B JIS L 1903 QB/T 1193 QB/T 1194 QB/T 1195 QB/T 1196 CNS 13982-8 L3253-8 KS K 0820 7.4
Chinese GB Oven Conditioning	GB/T 10288 GB/T 14272
Water Rinse Conditioning	IDFL 105
JIS Conditioning	Any JIS Method
Japan Down Power Conditioning	JDFA Method
Additional Fill Power Reading per day - (For example test every day for 5 days = 5x\$50)	Any Method
Test in other cylinders (using same conditioning) NOTE: Multiple Fill Power Tests that use different conditioning are considered separate tests and are priced at normal pricing	Any Method
Compression/Recovery -Down and Feathers	IDFL 211, IDFB 19
Loft Height Test - Sleeping Bags -Synthetic Filling	ASTM F1932
Loft Height Test - Quilt -Synthetic Filling	IDFL 256
Loft Height Test - Pillow -Synthetic Filling	IDFL 256
"Wet" Fill Power Test	IDFL 106 + Any Method
<b>NET FILL WEIGHT - Any Filling</b>	
Net Fill Weight Quilt / Featherbed / Sleeping Bag (Down/Feather)	IDFB 17 EN 13088 QB/T 1194 QB/T 1193
Net Fill Weight Quilt / Featherbed / Sleeping Bag (Non-Down)	
Net Fill Weight Pillow (Down/Feather Fill)	IDFB 17 QB/T 1196 EN 13088
Net Fill Weight Pillow (Non-Down Fill)	
Net Fill Weight Mattress Pad / Pillow Protector (Down/Feathers)	IDFB 17

Net Fill Weight Mattress Pad / Pillow Protector (Non-Down Fill)	
Net Fill Weight Outerwear (Down/Feather Fill)	IDFB 17 GB/T 14272
Net Fill Weight(Outerwear (Non-Down Fill)	
Net Fill Weight Mock-up Panels (Down/Feather Fill)	All Methods
Net Fill Weight Mock-up Panels (Non-Down Fill)	
Net Fill Weight - Jacket Parts (Hood, Collar, Sleeves, 2xFront Panels, Back Panel)	IDFB 17
Net Fill Weight - Vest Parts (Hood, Collar, 2 x Front Panels, Back Panel)	IDFB 17
Net Fill Weight - Outerwear - Every Panel/Channel	IDFB 17
Net Fill Weight - Bedding - Every Panel	IDFB 17
<b>DWR TESTING - Any Filling</b>	
Note: DWR Testing can be done on any filling including: Synthetic Fills, Down & Feathers, Wool, Silk, Blended Fills, etc.	
DWR Hydrophobic Shake - Up to 60 minutes	IDFB 18-A
DWR Hydrophobic Shake - Add'l Shake time per 60 minutes	IDFB 18-A
DWR Added Water Weight	IDFB 18-B
DWR Water Absorption - EN Method	IDFB 18-D
DWR Dry Time - Machine Tumble Dry	IDFB 18-E
DWR Dry Time - Hanging Air Dry	IDFB 18-F
DWR Wet Fill Power Test	IDFL 106
DWR Laundry Durability - Each Wash. Each test before and/or after laundering priced separately.	IDFB 18-C
DWR Laundry Durability - Each set of 5 Washes. Each test before and/or after laundering priced separately.	IDFB 18-C
<b>OTHER TREATMENT TESTS - Any Filling</b>	
Antibacterial - ASTM	AATCC 147
Antimicrobial - AATCC	AATCC 100
Antimicrobial Activity ASTM	ASTM E2149
Antibacterial/Antimicrobial Activity EN	EN ISO BS 20743
Antifungal Activity	AATCC 30
Humidity Aversion	

<b>FIBERPROOF (LEAKAGE OR MIGRATION) / DOWNPROOF TESTS</b>	
<i>ALL Fiberproof (Leakage or Migration) &amp; Downproof Tests are Double Tested at IDFL, even if test method allows a single test.</i>	
<b>OPTIONS for any FIBERPROOF (LEAKAGE OR MIGRATION) or DOWNPROOF</b>	
<i>These options can be used in most of the fiberproof (leakage or migration)/downproof methods and packages.</i>	
IDFL provides fill according to client specifications - Per Filling	
Pictures - IDFL provides pictures of leakage	
<b>Glue Seams Option</b> - IDFL will glue seams in test pillows according to client specification.	IDFL 20A or Client Specification
<b>Density Option</b> - IDFL will build test pillows per product density as per client specification	IDFL 20-1
<b>Stitching Option</b> - Add Stitching to a Downproof Test Pillow according to Client specification	IDFL 20-1, IDFL 20-3
<b>Wash Test Pillows Option</b> - Normally IDFL Washes and Dry Cleans only Fabric to prepare test pillow for before and after Laundering. Client can request that IDFL wash and/or dry clean the test pillows themselves.	See laundering section
<b>LAUNDERING OPTIONS FOR FIBERPROOF (LEAKAGE OR MIGRATION) or DOWNPROOF - See Laundering Section</b>	
<b>NOMITE COMPLIANCE</b>	
Nomite Compliance - Compliance Statement Only (Only available if testing completed by IDFL during past 6 months.)	PAS 1008
Nomite Compliance - Rubbing Test Only & Compliance Statement	PAS 1008 EN-12132-1
Nomite Compliance - Impact Test Only & Compliance Statement	PAS 1008 EN-12132-2
Nomite Compliance - Walz Formula Only & Compliance Statement	PAS 1008
Nomite Compliance - Walz Formula, Rubbing Test & Compl. Stmt.	PAS 1008 EN-12132-1
Nomite Compliance - Walz Formula, Impact Test & Compl. Stmt.	PAS 1008 EN-12132-2



<b>ROTATING BOX METHOD</b>	
<b>Down &amp; Feather Fillings</b>	
Downproof - Rotating Box - Test Bulk Fabric (includes glued seams) <i>(This is an IDFL Proprietary Test - sometimes referred to as the Modified FTMS 191-5530 Test)</i>	IDFL 20-1 (Modified 191-5530)
Downproof - Rotating Box - Test Bulk Fabric (China)	GB/T 12705-2
Additional Downproof tests with separate fillings for Same Fabric	IDFL 20-1
Additional Downproof tests with separate fillings for Same Fabric	GB/T 12705-2
Downproof - Rotating Box - Test Pillow made from Bedding (Test Pillows created using product corners, only IDFL seams are glued.)	IDFL 20-2
Downproof - Rotating Box - Test Pillow made from Bedding. (No product corners or product seams included, IDFL seams are glued)	IDFL 20-2
Downproof - Rotating Box - Test Pillow made from Outerwear (The IDFL Stitch Seams for Test Pillows are glued.)	IDFL 20-2
Downproof - Rotating Box - Channeled Fabric (The IDFL Stitch Seams for Test Pillows are glued.)	IDFL 20-4
Downproof - Rotating Box - Channeled Fabric, additional fill (The IDFL Stitch Seams for Test Pillows are glued.)	IDFL 20-4
Determination of Material Loss from Fabrics During Laundering	ISO 4484-1
Downproof - Rotating Box - Original FTMS 191-5530 - Test As Is (Method has been withdrawn, but IDFL will test upon request)	FTMS 191-5530 (Method Withdrawn)
Downproof - Rotating Box - Original FTMS 191-5530 - Test before and after one washing. (Method has been withdrawn, but IDFL will test upon request)	FTMS 191-5530 (Method Withdrawn)
<b>Any non-down fillings</b>	
Fiberproof (Leakage or Migration) - Rotating Box - Test Bulk Fabric	IDFL 20-1
Additional Fiberproof (Leakage or Migration) tests with separate fillings for Same Fabric	IDFL 20-1
Fiberproof (Leakage or Migration) - Rotating Box - Test Pillow made from Bedding (Test Pillows created using product corners, only IDFL seams are glued.)	IDFL 20-2
Fiberproof (Leakage or Migration) - Rotating Box - Test Pillow made from Bedding. (No product corners or product seams included, IDFL seams are glued)	IDFL 20-2
Fiberproof (Leakage or Migration) - Rotating Box - Test Pillow made from Outerwear (The IDFL Stitch Seams for Test Pillows are glued.)	IDFL 20-2
Fiberproof (Leakage or Migration) - Rotating Box - Channeled Fabric (The IDFL Stitch Seams for Test Pillows are glued.)	IDFL 20-4

<b>FINISHED PRODUCTS - ROTATING BOX</b> <i>Note: These are IDFL Internal Proprietary Tests except where GB/T is listed.</i>	
<b>Down &amp; Feather Fillings</b>	
Downproof - Rotating Box - Test Entire Jacket/Vest	IDFL 20-3
Downproof - Rotating Box -Test Mock-up Panel	IDFL 20-3 GB/T 12705.2
Downproof - Rotating Box - Test Product Part (Sleeve)	IDFL 20-3
Downproof - Rotating Box - Test Entire Pillow / Cushion / Glove	IDFL 20-3
Downproof - Rotating Box - Test Entire Quilt / Comforter	IDFL 20-3
<b>Any non-down fillings</b>	
Fiberproof (Leakage or Migration) - Rotating Box - Test Entire Jacket/Vest	IDFL 20-3
Fiberproof (Leakage or Migration) - Rotating Box -Test Mock-up Panel	IDFL 20-3 GB/T 12705.2
Fiberproof (Leakage or Migration) - Rotating Box - Test Product Part (Sleeve)	IDFL 20-3
Fiberproof (Leakage or Migration) - Rotating Box - Test Entire Quilt / Comforter	IDFL 20-3
<b>RUBBING METHOD</b>	
Downproof - Rubbing Method - Test Bulk Fabric	EN 12132-1
Per Test with additional fillings for Same Fabric	EN 12132-1
Downproof - Rubbing Method - Fabric from Finished Product	EN 12132-1
Per Test with additional fillings for Same Fabric	EN 12132-1
Fiberproof - Rubbing Method - Test Bulk Fabric	EN 12132-1 Modified
Per Test with additional fillings for Same Fabric	EN 12132-1 Modified
Fiberproof - Rubbing Method - Fabric from Finished Product	EN 12132-1 Modified
Per Test with additional fillings for Same Fabric	EN 12132-1 Modified
Fiberproof Rubbing Method - Test Bulk Fabric	EN 15586
Per Test with additional fillings for Same Fabric above	EN 15586
Downproof - Rubbing Method - Fabric from Finished Product	EN 15586
Per Test with additional fillings for Same Fabric	EN 15586
Fiberproof/Downproof -- Rubbing Method - Pre-made Mock-up Panel	EN 12132-1 Modified

Fiberproof/Downproof - Rubbing Method - Test Bulk Fabric	GB/T 12705.1-2009
Per Test with additional fillings for Same Fabric	GB/T 12705.1-2009
Fiberproof/Downproof - Rubbing - Use Fabric from Jacket	GB/T 14272-2011 (Part A)
Fiberproof/Downproof - Rubbing - Use Bulk Fabric (The fabric must be identical to fabric to be used in outerwear)	GB/T 14272-2011 (Part B)
<b>IMPACT METHOD</b>	
Fiberproof/Downproof - Impact Method - Test Bulk Fabric	EN 12132-2
Per Test with additional fillings for Same Fabric	EN 12132-2
Fiberproof/Downproof - Impact Method - Fabric from finished Product	EN 12132-2
Per Test with additional fillings for Same Fabric	EN 12132-2
<b>WASHER / DRYER Downproof Methods</b>	
Downproof Method using Washer/Dryer to collect leakage.	JDFA Internal / Other
Fiber Fragment Release During Home Laundering	AATCC TM212 Option B
<b>FIBERPROOF (LEAKAGE OR MIGRATION) / DOWNPROOF Packages</b>	
Finished Jacket Downproof / Fiberproof (Leakage or Migration) Package - - Test BEFORE and AFTER 1 LAUNDERING	IDFL 20-3
Finished Jacket Downproof / Fiberproof (Leakage or Migration) Package Test BEFORE and AFTER 1 DRY CLEANING	IDFL 20-3
<b>Packages below include Downproof or Fiberproof (Leakage or Migration) plus Air Permeability, and Thread count.</b>	
Rotating Box Package - Bulk Fabric - No Laundering	IDFL 20-1 GB/T 12705.2-2009
Rotating Box Package - Bulk Fabric - with 1 Laundering	IDFL 20-1 GB/T 12705.2-2009
Rotating Box Package - Bulk Fabric - with 1 Dry Cleaning	IDFL 20-1 GB/T 12705.2-2009
Rotating Box Package - Channeled Fabric - No Laundering	IDFL 20-4
Rotating Box Package - Channeled Fabric - with 1 Laundering	IDFL 20-4
Rotating Box Package - Channeled Fabric - with 1 Dry Cleaning	IDFL 20-4

Rotating Box Pkg - Test Pillows from Bedding - No Laundering	IDFL 20-2 GB/T 12705.2-2009
Rotating Box Pkg - Test Pillows from Bedding - with 1 Laundering	IDFL 20-2 GB/T 12705.2-2009
Rotating Box Pkg - Test Pillows from Bedding - with 1 Dry Cleaning	IDFL 20-2 GB/T 12705.2-2009
Fiberproof/Downproof - Rubbing Method Package - No Laundering	GB/T 12705.1, GB/T 14272 EN 12132-1
Fiberproof/Downproof - Rubbing Method Package - with 1 Laundering	GB/T 12705.1, GB/T 14272 EN 12132-1
Fiberproof/Downproof - Rubbing Method Package - with 1 Dry Cleaning	GB/T 12705.1, GB/T 14272 EN 12132-1
Fiberproof/Downproof - Impact Package - No Laundering	EN 12131-2
Fiberproof/Downproof - Impact Package - with 1 Laundering	EN 12131-2
Fiberproof/Downproof - Impact Package - with 1 Dry Cleaning	EN 12131-2
<b>FILLINGS - Healthy Filling (Allergens)</b>	
Initial License Fee	
Annual Renewal Fee, if paid before renewal date	
<b>Bulk Filling Healthy Down</b>	
Healthy Down Package Testing Fee (Includes: Total Protein, Avian Allergens, Dust Mites, Bacteria, Fungi, Oxygen Number, Turbidity, Fat & Oil, pH)	Various
Healthy Filling Package Testing Fee	Various
Healthy Down Package AHG tests only	Various
Healthy Filling Package AHG tests only	Various
Healthy Down Package IDFL tests only	Various
Healthy Filling Package IDFL tests only	Various
<b>Individual Tests - AHG</b>	
Individual Test - Total Protein, Avian Allergens, Dust Mites	ELISA
Individual Test - Bacteria, Fungi	TVC Std Method
<b>Individual Tests - IDFL</b>	
Individual Test - Oxygen Number	IDFB Part 7
Individual Test - Turbidity	IDFB Part 11
Individual Test - Fat & Oil	IDFB Part 4
Individual Test - pH	IDFB Part 6
Testing of Fabric Covering; Downproofness or Fillproofness (before and after 3 washes) - See separate Downproof/Fiberproof sections	IDFL 20-2, IDFL 20-3, EN 12132-1, EN 15586
Allergen Barrier Test	

TEXTILES - BASIC & PERFORMANCE	
Abrasion - Martindale (up to 10,000 rubs)	ASTM D4966 AS 2001.2.25 273/4 BS EN ISO 12947-2 BS DIN EN ISO 12947-3 BS DIN EN ISO 12947-4 FZ 20020, GB/T 21196.2/3/4
Abrasion - Martindale (each subsequent 10,000 rubs)	All Methods
Abrasion Resistance	ASTM D3884 ASTM D3886, AATCC 93, ASTM D3885 ASTM D4685 ASTM D4157 ASTM 3597 EN 13770 JIS L 1096
Absorbency	AATCC 79 JIS L 1096 ISO 9073 ISO/DIS 20158
Absorbency - After 5 Launderings	AATCC 79
Air Permeability	ASTM D737 AS 2001.2.26/34 DIN 53887 EN ISO 9237 GB 5453 JIS L 1096
Antistatic Test Surface Resistivity (Point to Point)	ESD STM 2.1-2013
Antistatic Test Surface Resistivity	ESD STM 2.1-2013
Bow & Skew	ASTM D3882 ASTM D7811 BS 2819 GB/T 14801 ISO 13015 JIS L 1096
Bursting Strength	ASTM D3786 ASTM D3787, AS 2001.2.4 BS 4768 CAN/CGSB 4.2 No. 11.1 FTZ 01030 GB/T 19976 GB/T 7742.1 ISO 2960 ISO 13938-1 ISO 13938-2 JIS L 1096
Calculation of Tilting Pad Thrust Bearings	ISO 12130-1
Dry Rate	JIS L1096 JIS L1018
Dye Transfer	AATCC 163
Fabric Length	ASTM D3773 BS EN/DIN 1773 GB/T 4666 ISO 22198 JIS L 1096
Fabric Thickness	ASTM D1777 BS EN/DIN ISO 5084 FZ/T 01003 GB/T 3820 JIS L 1096

Fabric Weight	ASTM D3776 AS 2001.7-13 BS EN 12127 BS 2471 CAN/CSB-4.2 No 3.1-M90 GB/T 4669 ISO 3801 JIS L 1096
Fabric Width	ASTM D3774 BS EN 1773 CAN/CSB-4.2 No 4.1 GB/T 4667 ISO 3932 JIS L 1096
Fading of Fabric	All Methods
Far Infrared Radiation Properties	GB/T 30127
Fiber Analysis - Microscopic Methods	FZ/T 01057.3
Fiber Analysis - Qualitative Methods	AATCC 20, ASTM D276 JIS L 1030-1 FZ/T 01057
Fiber Analysis - Quantative Methods	AATCC 20A ASTM D629 FZ/T 01026, 01101 JIS L 1030-2 AS 2001.7-2005 GB/T 2910 GB/T 01095 EN/ISO 1833
Fiber Analysis - Quantative Methods (Each Additional Fiber)	All Methods
Flexible Cellular Materials - Slab, Bonded, and Molded Foams	ASTM D3574
Hygroscopicity	GB/T 22799-2019
Moisture Vapor Transmission	JIS L 1099:A-1 BS 3546 BS 3424 BS 7209 GB/T 12704.1/2 KS K 0594 CNS 12222 L 3223
Moisture	ASTM D2654 Part 4
Odors	GB 18401
Oeko-Tex Evaluation	Oeko-Tex
Oil Content	ASTM D721
Oil Repellency	AATCC 118
Peel Strength of Velcro Tape	ASTM D5170 FZ/T 80007.1
pH Test	AATCC 81 DIN 54275 GB/T 7573 ISO 3071 JIS L 1096
Physical/Visual Evaluation of two separate samples	IDFL 1
Pilling Resistance - Pilling Box (up to 2 hours)	BS EN/DIN ISO 12945-1 BS 5813 GB/T 4802.3 CAN/CSB-4.2 No 5.1.1 IWS TM 152 JIS L-1076
Pilling Resistance - Pilling Box (each subsequent 2 hours)	All Methods
Pilling Resistance - Random Tumbler, Martindale, Circ. Locus	ASTM D3512 ASTM D3870 CAN/CSB-4.2 No 5.1.2 M87 GB/T 4802.1 GB/T 4802.2 GB/T 4802.4 BS EN/DIN ISO 12945-2
Pore Size Between Threads/Measurement Between Warp/Wett Microscopically	IDFL 242

Quick Dry - Before Wash	GB/T 21655.1-2023
Quick Dry - After Wash	GB/T 21655.1-2023
Seam Performance - Garment Seam per Seam	AATCC TS015(Knit)
Seam Performance - Slippage	AS 2001.2.21/22 ASTM D434 JIS L 1096 CAN/CGSB 4.2 No.32.1-M98 GB/T 21294 GB/T 13772.1/2 BS EN/DIN ISO 13936-1/2 FZ/T 20019
Seam Performance - Strength	ASTM D1683/D1683M AATCC TS 015 AS 2001.2.20 FZ/T 70007 FZ/T 01030 GB/T 21294 JIS L 1093 EN/DIN ISO 13935-1/2 GB/T 13773.1/2 GB/T 3923.1
Shear Strength of Velcro Tape	ASTM D5169 BS EN 13780
Snagging	GB/T 11047-2008
Soil Release	AATCC 130 FZ/T 01118
Spirality/Skewing of Fabric & Garment	AATCC 179 GB/T 23319.1/2/3 ISO 16322-3 JIS L 1096
Spot Clean	All Methods
Stretch & Recovery	ASTM D3107 ASTM D2594 FZ/T 70005/6 FZ/T 01034 JIS L 1096 BS 4952 ASTM D4964 EN14704
Tearing Strength	ASTM D1424 ASTM D2261 AS 2001.2.8/10 BS EN/DIN ISO 13937-1, 2, 3 & 4 CAN/CGSB 4.2 No.12.1/2/3-M90 GB/T 3917.1/2/3/4/5 JIS L 1096
Tensile Strength	ASTM D5034, ASTM D5035 AS 2001.2.3.1/2 BS/EN/DIN ISO 13934-1 BS/EN/DIN ISO 13934- 2 FZ/T 60021, GB/T 3923.1 GB/T 3923.2, JIS L 1096
Tensile Strength	BS EN ISO 9073-3:2023
Thread Count	ASTM D3775 AS 2001.2.5 CAN/CGSB 4.2 No.6-M98 DIN EN 1049-2 GB/T 4668 JIS L 1096 ISO 7211-2
UV Protection	ASTM D6544 ASTM D6603 AATCC 183 AS/NZS 4399 BS 7914 BS 13758 GB/T 18830

Vertical Wicking	AATCC 197
Water Repellency	AATCC 193
Water Repellency - Hydrostatic Head	AATCC 127 CAN/CGSB-4.2 No.26.3-M95 DIN/EN BS 20811 GB/T 4744 ISO 811
Water Repellency - Spray Test	AATCC 22 AS 2001.2.16 BS EN 24920
Water Resistance - Rain Test	AATCC 35
Water Vapor Permeability	JIS L 1099 A1/B GB/T 12704.2 ASTM E96 BS 7209
Waterproofness	JIS L 1092B
Waterproofness of Coated Fabrics	ASTM 3393
Wool Fiber Diameter	ASTM D2130
Wrinkle Recovery	AATCC 128
Yarn Number (Size)	ASTM D1059 AS 2001.2.23 CAN/CGSB-4.2 No.159 GB/T 29256.5-2012 ISO 7211-5
Zipper Strength	ASTM D2061 AS 2332 BS 3084 DIN 3419
<b>TEXTILES - Appearance &amp; Shrinkage</b>	
<b>NOTE: Pricing for these tests are calculated in 2-parts</b> <b>1. The Laundering/Dry Cleaning (Cost per cycle) - see Laundering Options Section.</b> <b>2. The actual tests of evaluation or measurement.</b>	
Appearance after Dry Cleaning	All Methods
Appearance after Laundering	All Methods
Appearance after Laundering - Comprehensive Evaluation	IDFL or Custom
Dimensional Stability to Dry Cleaning	AATCC 158 AS 2001.5.7 AS 2001.5.7 ISO 3175-2
Dimensional Stability to Laundering (Wash & Dry)	AATCC 135 AS 2001.5.4 BS EN 26330 CAN/CGSB-4.2 No.58 GB/T 8625/8629/8630 ISO 5077 AATCC 150
Dimensional Stability to Relaxation & Felting (Wash & Dry)	All Methods



TEXTILES - Colorfastness	
Colorfastness to Acid Spotting	AATCC 6 AS 2001.4.12 BS DIN/EN ISO 105 E05 GB/T 5715 JIS L 0851
Colorfastness to Washing (1 cycle)	AATCC 61 CAN/CGSB 4.2 No. 19.1/2 AS 2001.4.15 BS EN ISO 105 C06 DIN EN ISO 105 C06 GB/T 3921 GB/T 12490 JIS L 0844
Colorfastness to Actual Laundering (each add'l cycle)	All Methods
Colorfastness to Alkaline Spotting	AATCC 6 AS 2001.4.12 BS DIN/EN ISO 105 E06 GB/T 5716 JIS L 0852
Colorfastness to Chlorinated Water	AATCC 162 AS/NZS 2001.4.5 BS DIN/EN ISO 105 E03 GB/T 8433
Colorfastness to Chlorine Bleach (1 Wash)	AATCC 188 AS 2001.4.11 EN ISO 105 N01 BS DIN/EN ISO 105 N01 GB/T 7069, ISO 105 N01 JIS L0856
Colorfastness to Chlorine Bleach (each add'l Wash)	All Methods
Colorfastness to Commercial Dry Cleaning (1 cycle)	AATCC 132 AS 2001.4.16 BS EN ISO 105 D11 DIN EN ISO 105 D11 CAN/CGSB 4.2 No. 29.1 GB/T 5711 JIS L0860
Colorfastness to Commercial Dry Cleaning (each add'l cycle)	All Methods
Colorfastness to Crocking / Rubbing	AATCC 8 AATCC 116 AS 2001.4.3 BS EN ISO 105 X12 DIN EN ISO 105 X12 BS EN ISO 105 X16 CAN/CGSB 4.2 No.22 GB/T 3920 JIS L 0849
Colorfastness to Dry Heat	AATCC 117 BS EN ISO 105 P01 DIN EN ISO 105 P01 ISO 105 P01 JIS L 0879 GB/T 5718
Colorfastness to Hot Pressing	AATCC 133 AS 2001.4.6 BS EN ISO 105 X11 DIN EN ISO 105 X11 JIS L 0850 GB/T 6152
Colorfastness to Light (≤ 20 Fading Units)	AATCC 16 AS 2001.4.B02/21 CAN/CGSB 4.2 No.18.3 DIN EN ISO 105 B02 DIN 54004 GB/T 8427
Colorfastness to Light (each add'l 10 Fading Unites or 10 Hours)	All Methods
Colorfastness to Organic Solvents	All Methods

Colorfastness to Perspiration	AATCC 15 AS 2001.4.17/E04 BS EN ISO 105 E04 GB/T 3922 DIN 54020 JIS L 0848 CAN/CGSB-4.2 No.23-M90
Colorfastness to Perspiration - Oeko-Tex Standard	Oeko-Tex Standard
Colorfastness to Seawater	AATCC 106 AS 2001.4 E02 BS 1006 E02 BS EN ISO 105 E02 DIN EN ISO 105 E02 GB/T 5714 JIS L 0847 CAN/CGSB-4.2 No.21-M90
Colorfastness to Sweat & Saliva	DIN 53160 64 LF GB B 82.10 DIN 53160-1 DIN V 53160-1/2 GB/T 18886
Colorfastness to Water	AATCC 107 AS 2001.4 E01 BS EN ISO 105 E01 DIN EN ISO 105 E01 GB/T 5713 DIN 52005/6 JIS L 0846 CAN/CGSB 4.2 No.20-M89
Colorfastness to Water Spotting	AATCC 104 BS EN ISO 105 E07 DIN EN ISO 105 E07 GB/T 5717 AS/NZS 2001.4.4 JIS L 0853
<b>TEXTILES - Analytical / Chemical Tests</b>	
<b><i>For Additional Tests not listed please contact IDFL.</i></b>	
APEO, NPEO, OPEO, NP, etc.	GB/T 23322 SN/T 1850.1 SN/T 1850.2
APEO & AP	ISO 18254-1 ISO 21084
AZO Dyes (Banned Amines)	EN 14362-1 GB/T 23344 GB/T 17592
AZO Dye (Leather)	GB/T 19942 EN ISO 17234-1/2
Allergenic Disperse Dyes	G/BT 20383 DIN 54231
Anti-Mosquito Properties - Repellent method	GB/T 30126-2013
Anti-Mosquito Properties - Blood-sucking insect feeding device method	GB/T 30126-2013
Anti-Mosquito Properties - Forced contact method	GB/T 30126-2013
Cadmium	CA 65
Carcinogenic Dyes	All Methods
Chlorinated Benzenes and Toluenes	GB/T 20384
Chlorinated Phenols - each compound	DIN 53313 GB/T 18414.1/2
Chromium	GB/T 17593.3 DIN 53314 EN ISO 17075

Hyaluronic Acid Content	QB/T 4576-2013
Lead	CA 65
Nickel Release	EN 1811 EN 12472
Extractable Content in Textile	AATCC 94
Extractable Metal Content (Each Element)	ASTM E1645 EN 1122 GB/T 17593 GB/T 9758 ASTM F963 EN 71-Part 3
Extractable Metal Content (Up to 5 Elements)	BS 6810
Formaldehyde	AATCC 112 JIS L 1041 DIN 53315 ISO 17226 GB/T 19941 ISO 14184-1/2 GB/T 2912.1/2 GB/T 2912.3
o-Benzene	CA 65
Odor Evaluation	GB 18401
Oeko-Tex - Pesticide Testing	Oeko-Tex Standards
Oeko-Tex - APEO Testing	Oeko-Tex Standards
Organotin Compounds	ISO/TS 16179
Organotin Compounds (TBT, DBT, MBT, TPhT, etc.) - 1 type	EN 38407-13 ISO 17353
Organotin Compounds - each additional type	
Poly Chlorinated Biphenyls (PCBs)	GC-MS
Pesticides (30 Items)	DIN 38407 GC-MS
PFAS	LC-MS
PFAS (≤35 substances)	EN 17681-1, EN 17681-2
Phthalates (DINP, DNOP, DEHP, DIDP, BBP, DBP)	GC-MS / LC-MS GB/T20386 BS EN 15777 EN ISO 14389
<b>TEXTILES - FLAMMABILITY</b>	
Flammability - Canadian	CGSB-4.2 No. 27.5
Flammability - British/European	BS EN ISO 12952-1
Flammability Part 1:1979	BS 5852 Part 1:1979
Flammability Part 2:1982	BS 5852 Part 2:1982
Flammability Furniture	BS 5852 Schedule 2 Part 3
Flammability Furniture	BS 5852 Schedule 4 Part 1
Flammability Furniture	BS 5852 Schedule 5 Part 1
Flammability Furniture	EN 1021-1
Flammability - Textiles	GB/T 14644 US16CFR Part 1610 ASTM D1230 GB/T 2456 GB/T 5455 ISO 6940 EN 1103

Flammability - Protective Clothing	ISO EN BS 15025
Flammability - Upholstered Furniture	GB/T 17927.1/2 EN 1021-1
Flammability - Bedding Items	GB/T 20390 ISO 12952-1/2
Flammability - Mattresses, pads, bed bases	BS 7177:2008+A1:2011
Flammability - Automotive Interior	GB8410
Flammability - Carpet	GB/T11049 CFR1630/1631
Flammability - Toys	BS/DIN EN71-2
<b>THERMAL INSULATION TESTING</b>	
<b>Hot Plate Methods</b>	
Insulation Value - Guarded Hot Plate - Still Air Conditions Fabric or Bedding/Outerwear mock-up panels	ASTM D1518 Part 1
Insulation Value - Guarded Hot Plate - Horizontal Air Flow	ASTM D1518 Part 2
Mesh Frame testing; Down & Feather Products (Preconditioned with IDFB 10B)	ASTM D1518 (Modified)
Mesh Frame testing; Polyester & Synthetic Materials (no preconditioning)	ASTM D1518 (Modified)
Dry Heat Loss	ASTM F1868 Part A
Insulation Value - Sweating, Guarded Hot Plate	ASTM F1868 Part B, ISO 11092
Evaporative Resistance & Permeability Index	ASTM F1868 Part A,B,C
<b>Manikin Testing Methods</b>	
Clothing - Dry Manikin Test Determine Insulation Value & Temperature Rating for Comfort	ASTM F1291 & F2732 ISO 15831
Clothing - Sweating Manikin Test Determine Evaporative Resistance	ASTM F2370
Sleeping Bag - European Thermal Insulation	ISO 23537
Sleeping Bag - Thermal Insulation using a heated manikin	ASTM F1720
Bedding - Thermal Insulation and Temperature Rating	ASTM F1720 (Option 2 Modified)
Bedding - Thermal Insulation Value and Temperature Ratings	ASTM F1720 (Option 2 Modified)
Clothing - Thermal Insulation using a heated manikin	ASTM F1291 (Modified)
Footwear - Resistance to Dry Heat Transfer	ASTM F1291 (Modified)
Headwear - Resistance to Dry Heat Transfer	ASTM F1291 (Modified)
Headwear - Evaporative Resistance	ASTM F2370 (Modified)
TOG Quilts/Duvets - British Method	BS 5335
Continental Quilts; containing fillings other than feather/down	BS 5335
Physiological effects; Thermal Insulation from Thermal Manikin	ISO 15831
Classification of Insulating Apparel Used in Cold Work Environments	ANSI ISEA 201

<b>Other Tests</b>	
Sleeping Bag - Loft Measurement	ASTM F1932
Sleeping Bag - Packing Volume	ASTM F1853
Sleeping Bag	ASTM F1955
Thermal Emittance	ASTM E903
Textiles - Test methods for nonwovens - Part 2: Determination of Thickness	ISO 9073-2:1995
Thermal Resistance of Textile	BS 4745
Domestic Oven Gloves	BS 6526
Resistance to Convective Cold	EN 511:2006 (E) 5.5
Determination of Thermal Resistance Part 1: Low thermal resistance	ISO 5085-1
Tensile Strength - Belt	AQB/T 1618
<b>ON-SITE PRODUCT INSPECTIONS</b>	
<b>NOTE: Prices below are per person / per day. (8-hour day)</b> <b>Prices do not include travel or lodging.</b>	
Inspections - China (Hangzhou Area)	AQL or other
Inspections - China (ZJ,SH,JS Area)	AQL or other
Inspections - China (Other Locations)	AQL or other
Inspections - Hong Kong, Taiwan, SE Asia (Cambodia, Indonesia, Laos, Malaysia, Thailand, Vietnam)	AQL or other
Inspections - USA, Canada	AQL or other
Inspections - Europe	AQL or other
Inspections - Other Countries, per person per day	AQL or other
Report Fee	
Per hour fee for any inspection (hours over 8 in a single day) is <b>calculated at 20% of daily fee.</b>	
<b>**50% Surcharge for RUSH or WEEKEND Service</b> <b>(RUSH = less than 48 hour notice)</b>	

<b>STERILIZATION INSPECTIONS &amp; LICENSES</b>	
Initial Sterilization Inspection	USA PA/UT Permit Method
Sterilization Inspection Fee (>2 wash lines)	USA PA/UT Permit Method
Sterilization Inspection Fee (>3 wash lines)	USA PA/UT Permit Method
Additional Inspection per day fee	USA PA/UT Permit Method
Re-Inspection fee (for FAIL Inspection only)	USA PA/UT Permit Method
<b>**50% Surcharge for RUSH or WEEKEND Service (RUSH = less than 48 hour notice)</b>	
<b>PACKAGE: Initial Inspection + All State Licenses &amp; Fees</b>	
<b><u>INDIVIDUAL STATE LICENSE FEES</u></b>	
Connecticut	
Massachusetts	
Michigan, City of Detroit	
Pennsylvania	
Rhode Island	
Utah	
<b>IDFL Fee - per state sterilization license application</b>	
<b>STATE REGISTRATION LICENSE FEES</b>	
<b>PACKAGE: All States Initial Licenses &amp; Fees</b>	
<b><u>INDIVIDUAL STATE LICENSE FEES</u></b>	
California - 2 years	
Connecticut	
Delaware	
Detroit, Michigan	
Massachusetts	
New York (Mattresses only)	
North Carolina	
Ohio	
Oklahoma	
Pennsylvania	
Rhode Island - 3 years	
Utah	
Virginia	
Washington DC - 2 years	
West Virginia	
<b>IDFL Fee - per state license application or renewal</b>	

<b>SAMPLE COLLECTION, BALE LOCKING, CONTAINER MONITORING</b>	
Service Base Fee	See Location Based Costs
Per Sample Fee (Sample Collection)	
Tamper Prevention per device (Bale Locking, Box Seals)	
Travel Expenses	
<b>LOCATION BASED COSTS - ASIA</b>	
Anhui Province	
Beijing Municipality	
Chongqing Municipality	
Fujian Province	
Gansu Province	
Guangdong Province	
Guangxi Zhuang Autonomous Region	
Guizhou Province	
Hainan Province	
Hangzhou Area	
Hebei Province	
Heilongjiang Province	
Henan Province	
Hubei Province	
Hunan Province	
Inner Mongolia Autonomous Region	
Jiangsu Province	
Jiangxi Province	
Jilin Province	
Liaoning Province	
Ningxia Hui Autonomous Region	
Qinghai Province	
Shaanxi Province	
Shandong Province	
Shanghai Municipality	
Shanxi Province	
Sichuan Province	
Tianjin Municipality	
Tibet Autonomous Region	
Xinjiang Uyghur Autonomous Region	

Yunnan Province	
Zhejiang Province (outside of Hangzhou)	
<b>LOCATION BASED COSTS - TAIWAN AND HK AREA</b>	
Taiwan Taipei Area	
Taiwan Taizhong Area	
Taiwan Gaoxiong Area	
Hong Kong Special Administrative Region	
Macau Special Administrative Region	
<b>LOCATION BASED COSTS - VIETNAM</b>	
<b>LOCATION BASED COSTS - EUROPE</b>	
**50% Surcharge for RUSH or WEEKEND Service ( <i>RUSH = less than 48 hour notice</i> )	
<b>CONSULTING and RESEARCH</b>	
Research completed In Asia	
Research completed in Europe	
Other Countries, per day	
<b>EXPERT WITNESS AND COURT PREPARATION</b>	
<i>NOTE: Prices below are per person / per day. Prices do not include travel or lodging.</i>	
China, per day	
Europe, per day	
Other Countries, per day	



TRAINING PROGAMS	
<i>The listed prices for training are for the 1st trainee.  Additional trainees from the same company are 25% of listed price  per person. (Travel and Lodging are NOT included)</i>	
Intro to Testing, Labeling & Quality Assurance (2 day overview for non-laboratory staff)	
Intensive Overview of All Basic & Advanced Testing (2 day overview for lab managers and experienced staff)	
Basic Training - Content, Species, Fill Power (3 day detailed hands-on course)	
Advanced Training - Oxygen, Turbidity, Textiles, Other topics (3 day detailed hands-on course)	
Custom Training Fee per Day	
ADMINISTRATION	
IDFL Administrative Fee per Hour	