



※CNLA Accredited Items

	Registration Items	Test Items	Test Methods
1	CJ0309 Fiber Composition	Fabric or Garment	AATCC 20A-2000 AATCC 20-2002 CNS 2339 L3050 (1987)
2	CJ0312 Colorfastness to Perspiration	Fabric or Garment	AATCC 15-2002 CNS 1496 L3029 (1998)
3	CJ0315 Colorfastness to Sea Water	Fabric or Garment	AATCC 106-2002 CNS 8430 L3151(1998)
4	CJ0317 Colorfastness to Dry Cleaning	Fabric or Garment	AATCC 132-2003 CNS 8434 L3155 (1999)
5	CJ0322 Water Resistance	Fabric or Garment	Rain Test : AATCC 35 (2000) Spray Test : AATCC 22 (2001)
6	CJ0323 Colorfastness to Water	Fabric or Garment	CNS 1497 L3030 (1998) AATCC 107-2002
7	CJ0325 Colorfastness to Washing	Fabric or Garment	AATCC 61-2001 CNS 1494 L3027 (1999)
8	CJ0345 Tearing Strength	Fabric or Garment	ASTM D 1424-1996
9	CJ0362 Density	This testing item only covers for fabrics and garments that made by woven, not applicable for knitted.	ASTM D 3775-2003

10	CJ0399 Colorfastness to Water	Fabric or Garment	AATCC 107-2002
11	CJ0169 Antibacterial Activity and Efficacy Test	Fiber	JIS 1902-1998(Qualitative)
12	CJ0269 Antibacterial Activity and Efficacy Test	Yarn	JIS 1902-1998(Qualitative)
13	CJ0369 Antibacterial Activity and Efficacy Test	Fabric or Garment	JIS 1902-1998(Qualitative)
14	CJ0326 Colorfastness to Rubbing	Fabric or Garment	AATCC 8-2001 CNS 1499 L3032 –1998
15	CJ0361 Flame Resistance	Fabric or Garment	CNS 10285 L3196 A-1-1995(45°small flame)
16	CJ0370 Breaking Strength and Elongation Test	Fabric or Garment	ASTM D 5034-1995(Grab) ASTM D 5035-1995(Strip)
17	CJ0372 Water Absorbency Test	Fabric or Garment	CNS 13905 L3246 5.1.2-1997
18	CJ0373 Water Vapor Transmission	Fabric or Garment	ASTM E96-BW Appendix X1.1.3 Precedure BW(Inverted Cup)

✧Introduction

I . Testing Services

- Accept the tests of physical properties, chemical analysis and colorfastness of fiber, yarn, fabric and apparel, and evaluation on functional textiles.
- Offer inquiries of suitable testing methods for textile industries.
- Arrange training courses for textile related testing

II . Working Period

- **Regular service usually takes 7 working days;Express service usually takes 4 working days;Urgent service (for some tests only) may provide test result within 2 working day;Shuttle service usually takes 1 working day (for some tests only).**
- A working day is defined as from 9:00 AM to 12:00 AM and 1:00 PM to 6:00 PM. Applications received before 12:00 AM will be counted as a half working day. Applications received after 1:00 PM, the working day will be counted from the following day. Saturday, Sunday and public holidays are not counted as working days.

III . Prices

- The price list is based upon "NT\$".
- The price list is based on the test fees of each sample.
- The prices on list have included 5% of value added tax.

IV . Test Fees

- The price of regular service is available on price list basis.
- The price of express service is **1.4** times of regular service's.
- The price of urgent service is **1.8** times of regular service's.
- The price of shuttle service is **2.5** times of regular service's.

Note : If the express service , shuttle service,urgent service cannot be met within specified working days, the charge will be counted as that of the regular service.

V . Discount may offer except the Category VIII 、 IX 、 X for functional textiles.

- By Contract

For those clients who request their tests based on contract at an annual basis, the extra discount would be specified on the contract

- By Case

1. If the amount of the cost for certain report is over NT \$ 3,001, a 5% discount may be given.
2. If the amount of the cost for certain report is over NT \$ 5,001, a 10% discount may be given.
3. If the amount of the cost for certain report is over NT \$ 10001, a 15% discount may be given.
4. If the amount of the cost for certain report is over NT \$ 20001, a 20% discount may be given.

VI . **SAMPLE REMNANTS may be reclaimed if indicated on the application form. Remaining samples will only be kept for one month.**

VII . **Contents of this price list are subject to change without prior notice.**

※Abbreviation Explanation of Test Standards

AATCC	American Association of Textile Chemists and Colorists
AS	Australian Standards
ASTM	American Society for Testing and Materials
BS	British Standards
CNS	Chinese National Standards
CPAI	Camping Products Association International
CPSC	Consumer Product Safety Commission
DIN	Deutsche International Normen
DOC FF	US Department of Commerce, Fabric Flammability
EN	Norme Europeenne
FAR	Federal Aviation Regulations
FMV SS	Federal Motor Vehicle Safety Standards
ISO	International Standards Organization
IWS	International Wool Secretariat
JIS	Japanese Industrial Standards
SABS	South African Bureau of Standards

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No	Test Items	Sample Size	Test Methods	Price (NT \$)	Remark
I 、Fibers					
A01 Cotton Fibers					
A0101E	Sticky Cotton Test	0.5kg	Instrument : SC.T.G.M	1000	
A02 Wool Fibers					
A0201E	Fiber Fineness by Microscope Method-blend	0.5kg	ASTM D 2130-1990 ; ASTM D 3991-1994 ; IWS TM24-2000	3000	
A0202E	Fiber Fineness by Microscope Method-single	0.5kg	ASTM D 2130-1990 ; ASTM D 3991-1994 ; IWS TM24-2000	2400	
A0203E	Solvent Extractable Matters (per Solvent)	0.5kg	ASTM D 1574 ; IWS TM 136-2003	800	
A0204E	Alkali – Solubility	0.5kg	ASTM D 1283 ; BS 3568	3000	
A0205E	Fiber Length	0.5kg	ASTM D 519-1990	3000	
A03 Man-made Staple Fibers					
A0301E	Fiber Length	0.5kg	ASTM D 5103-2001 ; JIS L1015-1999 ; CNS 13756 L3244-1996	1000	Surcharge NT\$200 Including Degree of Deviation,
A0302E	Solvent Extractable Matters (per Solvent)	0.5kg	ASTM D 2257-89	800	
A0303E	Melting Point	0.5kg	Instrument	500	
A0304E	Tensile Properties of Single Textile Fibers-Breaking Tenacity – Dry Tenacity	0.5kg	ASTM D 3822-2001 ; JIS L1015-1999 ; CNS 13756 L3244-1996 Instrument : Lenzing	1000	Surcharge NT\$200 Including C.V.% of Breaking Tenacity Surcharge NT\$300 Including Breaking Elongation Surcharge NT\$200 Including C.V.% of Breaking Elongation
A0305E	Tensile Properties of Single Textile Fibers-Breaking Tenacity – Dry Tenacity	0.5kg	ASTM D 3822-2001 ; JIS L1015-1999 ; CNS 13756 L3244-1996 Instrument : INSTRON	2000	Surcharge NT\$200 Including C.V.% of Breaking Tenacity Surcharge NT\$300 Including Breaking Elongation. Surcharge NT\$200 Including C.V.% of Breaking Elongation.
A0306E	Tensile Properties of Single Textile Fibers-Breaking Tenacity – Wet Tenacity	0.5kg	ASTM D 3822-2001 ; JIS L1015-1999	1200	Surcharge NT\$200 Including C.V.% of Breaking Tenacity. Surcharge NT\$300 Including Breaking Elongation Surcharge NT\$200 Including C.V.% of Breaking Elongation.

No	Test Items	Sample Size	Test Methods	Price (NT \$)	Remark
A0307E	Tensile Properties of Single Textile Fibers – Tensile Elongation at the Specified Load	0.5kg	ASTM D 3822-2001 ; JIS L1015-1999	1000	
A0308E	Tensile Properties of Single Textile Fibers – Tensile Load at the Specified Elongation	0.5kg	ASTM D 3822-2001 ; JIS L1015-1999	1000	
A0309E	Fiber Fineness – Fiber	0.5kg	ASTM D 1577-2001 ; JIS L1015-1999 ; CNS 13756 L3244-1996	700	Surcharge NT\$200 Including C.V.%
A0310E	Fiber Fineness – Yarn 、 Fabrics	0.5kg	ASTM D 1577-2001 ; JIS L1015-1999 ; CNS 13756 L3244-1996	1400	Surcharge NT\$200 Including C.V.%
A0311E	Cross Section Photography	0.1kg	Polarize Light Microscope-Upright Type	1400	
A0312E	Cross Section Photography	0.1kg	SEM(JSM-5400)	3500	
II 、 Yarns and Threads					
B01 Man-made Filaments					
B0101E	Filament Denier – Skein Method	1kg	ASTM D 1577-2001 ; JIS L1013-1999 ; ASTM D 1907-2001 ; CNS 13785 L3245-1996	450	Surcharge NT\$200 Including C.V.%
B0102E	Filament Denier – Photograph Method	1kg	Polarize Light Microscope Upright Type	1400	
B0103E	Filament Denier – Photograph Method	1kg	SEM	3500	
B0104E	Number of Monofilament (50 Filaments/Unit Price)	1kg	ASTM D 1907-2001 ; ASTM D 1059-2001 ; JIS L1013-1999 ; CNS 13584 L3235-1995	250	
B0105E	Shrinkage in Boiling Water	1kg	ASTM D2259-2002 ; JIS L1013-1999	1200	
B0106E	Shrinkage in Dry Heat – below 200°C	1kg	ASTM D2259-2002 ; JIS L1013-1999	1200	
B0107E	Shrinkage in Dry Heat – above 200°C	1kg	ASTM D2259-2002 ; JIS L1013-1999	2000	
B0108E	Tensile Properties (Tenacity) – Breaking Strength/Elongation	1kg	ASTM D 2256-2002 ; JIS L1013-1999	800	Surcharge NT\$200 Including C.V.% of Breaking Strength. Surcharge NT\$300 Including Breaking Elongation. Surcharge NT\$200 Including C.V.% of Breaking Elongation.
B0109E	Tensile Properties (Tenacity) – Tensile Elongation at the Specified Elongation	1kg	ASTM D 2256-2002 ; JIS L1013-1999	800	
B0110E	Tensile Properties (Tenacity) – Tensile Elongation at the Specified	1kg	ASTM D 2256-2002 ; JIS L1013-1999	800	

No	Test Items	Sample Size	Test Methods	Price (NT \$)	Remark
B0111E	Tensile Properties (Tenacity) – Tensile Load at the Specified Load Elongation and Tensile Load at the Specified Elongation	1kg	ASTM D 2256-2002 ; JIS L1013-1999	1200	
B0112E	Tensile Properties (Tenacity) – Tensile Load of Yarn after Twisted	1kg	ASTM D 2256-2002 ; JIS L1013-1999	1600	
B0113E	Melting Point	0.5kg	Instrument	500	
B02 Yarn Number					
B0201E	Yarn Number	1kg ; 1000m	JIS L1095-1999 ; CNS 11263 L3216-1985 ; ASTM D 1907-2001 ; ISO 7211-5-1984 (E) A	450	Surcharge NT\$200 Including C.V.%
B03 Twist					
B0301E	Twist (per Strand)	1kg	ASTM D 1423-2002 ; ISO 2061-1995 ; JIS L1095-1999 ; CNS 11263 L3216-1985	600	Surcharge NT\$200 Including C.V.%
B0302E	Direction of Twist	1kg	ASTM D 1422-2002 ; ISO 2061-1995 ; JIS L1095-1999 ; CNS 11263 L3216-1985	200	Surcharge NT\$200 Including C.V.%
B04 Shrinkage					
B0401E	Shrinkage in Boiling Water	1kg	ASTM D 2259-2002 ; JIS L1095-1999 ; CNS 11263 L3216-1985	1000	
B0402E	Shrinkage in Dry Heat- above 200°C	1kg	ASTM D 2259-2002 ; JIS L1095-1999 ; CNS 11263 L3216-1985	2000	
B0403E	Shrinkage in Dry Heat - below 200°C	1kg	ASTM D 2259-2002 ; JIS L1095-1999 ; CNS 11263 L3216-1985	1200	
B05 Unevenness					
B0501E	Unevenness (Sliver , Roving , Yarn and Thread)	1kg	ASTM D 1425-1996 ; JIS L1095-1999 ; CNS 11263 L3216-1985	1000	
B06 Defects of Yarn					
B0601E	Defects of Yarn (Thin Places, Thick Places, Neps) – Uster IPI Method	1kg	ASTM D 1425-1996 ; JIS L1095-1999 ; CNS 11263 L3216-1985	1000	
B07 Hairiness					
B0701E	Hairiness (Uster UT3B)	1kg	ASTM D 1425-1996 ; JIS L1095-1999 ; CNS 11263 L3216-1985	1000	
B08 Classimat Analysis					
B0801E	Classimat Analysis (per 100000	1kg	USTER CLASSIMAT II	1500	

No	Test Items	Sample Size	Test Methods	Price (NT \$)	Remark
	Meters)				
B09 Yarn Identification					
B0901E	Identification of Yarn		Visual Analysis	200	
B10 Tensile Properties					
B1001E	Tensile Properties-Breaking Strength-Breaking Strength of Single Yarn(Auto)	1kg	ASTM D 2256-2002 ; JIS L1095-1999 ; CNS 11263 L3216-1985 ; CNS 3956 L3077-1976	800	Surcharge NT\$200 Including C.V.% of Breaking Strength Surcharge NT\$300 Including Breaking Elongation. Surcharge NT\$200 Including C.V.% of Breaking Elongation.
B1002E	Tensile Properties-Breaking Strength-Breaking Strength of Single Yarn(Manual)	1kg	ASTM D 2256-2002 ; JIS L1095-1999 ; CNS 11263 L3216-1985 ; CNS 3956 L3077-1976	1000	Surcharge NT\$200 Including C.V.% of Breaking Strength Surcharge NT\$300 Including Breaking Elongation. Surcharge NT\$200 Including C.V.% of Breaking Elongation.
B11 Moisture Regain					
B1101E	Moisture Regain	0.5kg	JIS L1095-1999 ; CNS 11263 L3216-1985 ; CNS 13756 L3244-1996	500	
B12 Moisture Content					
B1201E	Moisture Content	0.5kg	JIS L1015-1999 ; CNS 11263 L3216-1985	500	
B13 Length					
B1301E	Length (Maximum 500m , Each Additional 100m, Surcharge NT\$50)		-	500	
B14 Coefficient Of Friction					
B1401E	Coefficient of Friction		Instrument:ROTHSCHILD R-188	500	
III 、 Fabrics					
C01 Yarn Number					
C0101E	Yarn Number— Woven Fabric	1yd	ASTM D 1059-2001 ; JIS L1096-1999 ; CNS 12915 L3233-1991 ; ISO 7211-5-1984 (E)	1300	
C0102E	Yarn Number (per Yarn)— Warp Knitted Fabric	1yd	ASTM D 1059-2001 ; JIS L1018-1999 ; CNS 13752 L3243-1996	1000	

No	Test Items	Sample Size	Test Methods	Price (NT \$)	Remark
C0103E	Yarn Number (per Yarn)—Weft Knitted Fabric	1yd	ASTM D 1059-2001 ; JIS L1018-1999 ; CNS 13752 L3243-1996	600	
C0104E	Yarn Number (per Yarn)—Braids	1yd	ASTM D 1059-2001 ; JIS L1096-1999 ; CNS 12915 L3233-1991 ; ISO 7211-5-1984 (E)	600	
C0105E	Yarn Number (per Yarn)—Bare Yarn in Complex Yarn or Artificial Turf	1yd	ASTM D 1059-2001 ; JIS L1096-1999 ; CNS 12915 L3233-1991 ; ISO 7211-5-1984 (E)	1200	
C0106E	Yarn Number—after Treatment	1yd		500	
C02 Fabric Count (Density)					
C0201E	Fabric Count (Density)—Woven Fabric (Ends & Picks per Inch)	1yd	ASTM D 3775-2003 ; JIS L1096-1999 ; CNS 12915 L3233-1991 ; BS 2862-1974	350	
C0202E	Fabric Count (Density)—Knitted Fabric (CPI & WPI)—Warp Knitted Fabric	1yd	ASTM D 3887-1996 ; JIS 1018-1999 ; CNS 13572 L3243-1996 BS 2862-1984	Charge based on Structure of Fabrics	
C0203E	Fabric Count (Density)—Knitted Fabric (CPI & WPI)—Weft Knitted Fabric	1yd	ASTM D 3887-1996 ; JIS 1018-1999 ; CNS 13572 L3243-1996 ; BS 2862-1984	350	
C0204E	Fabric Count (Density)—Knitted Fabric—Gauge	1yd	ASTM D 3887-1996 ; JIS 1018-1999 ; CNS 13572 L3243-1996 ; BS 2862-1984	1000	
C0205E	Fabric Count (Density)—Braids	1yd	ASTM D 3775-2003 ; JIS L1096-1999 ; CNS 12915 L3233-1991 ; BS 2862-1984	350	
C0206E	Seam Density		Visual Analysis	350	
C03 Width					
C0301E	Width of Fabric	1yd	ASTM D 3774-1996 ; JIS L1096-1999 ; JIS L1018-1999 ; CNS 12915 L3233-1991 ; CNS 13752 L3243-1996 ; ISO 3932-1976	200	
C04 Thickness					
C0401E	Fabric Thickness of Fabric	1yd	ASTM D 5729-1997 ; ASTM D 1777-1996 ; JIS L1096-1999 ; JIS L1018-1999 ; JIS L1085-1998 ; CNS 12915 L3233-1991 ; CNS 13752 L3243-1996	420	
C05 Yarn Twist					
C0501E	Yarn Twist in the Fabric	1yd	ISO 7211-4-1984 (E)	600	

No	Test Items	Sample Size	Test Methods	Price (NT \$)	Remark
C06 Fabric Defects					
C0601E	Defects of Fabrics (per 120yd)	1yd	CNS 3854 L3076-1977 ; CNS 10968 L3209-1996 ; CNS 5618 L3086-1980 ; ASTM D3990-1999	1200	
C07 Weight/Unit Area					
C0701E	Weight/Unit Area— as Received State-Standard Conditioned Weight	1yd	ASTM D 3776-1996 option C ; JIS L1096-1999 ; JIS L1018-1999 ; CNS 12915 L3233-1991 ; ISO 3801- 1977 ; IWS TM 13-2000 ; CNS 5610 L3080-1987 ; BS 2471-1991 ; CNS 13752 L3243-1996	350	Surcharge NT\$200 Including C.V.%
C0702E	Weight/Unit Area— as Received State-Oven-Dry Weight	1yd	ASTM D 3776-1996 option C ; JIS L1096-1999 ; JIS L1018-1999 ; CNS 12915 L3233-1991 ; ISO 3801- 1977 ; IWS TM 13-2000 ; CNS 5610 L3080-1987 ; BS 2471-1991 ; CNS 13752 L3243-1996	350	Surcharge NT\$200 Including C.V.%
C0703E	Weight/Unit Area— after Desized State-Standard Conditioned Weight	1yd	ASTM D 3776-1996 option C ; JIS L1096-1999 ; JIS L1018-1999 ; CNS 12915 L3233-1991 ; ISO 3801- 1977 ; IWS TM 13-2000 ; CNS 5610 L3080-1987 ; BS 2471-1991 ; CNS 13752 L3243-1996	700	Surcharge NT\$200 Including C.V.%
C0704E	Weight/Unit Area-after Desized State-Oven-Dry Weight	1yd	ASTM D 3776-1996 option C ; JIS L1096-1999 ; JIS L1018-1999 ; CNS 12915 L3233-1991 ; ISO 3801- 1977 ; IWS TM 13-2000 ; CNS 5610 L3080-1987 ; BS 2471-1991 ; CNS 13752 L3243-1996	700	Surcharge NT\$200 Including C.V.%
C08 Bow or Skewness					
C0801E	Bow or Skewness in Filling Yarn	1yd	ASTM D 3882-1999 ; JIS L1096-1999 ; JIS L1018- 1999 ; CNS 12915 L3233- 1991 ; CNS 13752 L3243- 1996	630	
C09 Snagging Resistance					
C0901E	Snagging Resistance	1yd	CNS 12475 L3226-1988 ; ASTM D 3939-1997 ; JIS	500	

No	Test Items	Sample Size	Test Methods	Price (NT \$)	Remark
			L1058-1995 7.1A ; BS 11-1974		
C10 Fabric Structural Analysis					
C1001E	Fabric Structural Analysis-Basic Weave	1yd	Visual Analysis ; JIS L1096-1999 ; ISO 7211-1-1984 ; JIS L1018-1999 ; CNS 13752 L3243-1996 ; CNS 12915 L3233-1991	420	
C1002E	Fabric Structural Analysis—Derivative Weave	1yd	Visual Analysis ; JIS L1096-1999 ; ISO 7211-1-1984 ; JIS L1018-1999 ; CNS 13752 L3243-1996 ; CNS 12915 L3233-1991	Charge based on Structure of Fabrics	
C11 Stretch Properties					
C1101E	Stretch Properties of Fabric—Fabric Growth	1yd	ASTM D 2594-1999 ; ASTM D 3107-2003 ; JIS L1096-1999 ; JIS L1018-1999 ; CNS 8039 L3139-1981	1000	
C1102E	Stretch Properties of Fabric—Fabric Stretch	1yd	ASTM D 2594-1999 ; ASTM D 3107-2003 ; JIS L1096-1999 ; JIS L1018-1999 ; CNS 8039 L3139-1981	1000	
C12 Air Permeability					
C1201E	Air Permeability	1yd	ASTM D 737-1996 ; JIS L1096-1999 8.27.1.A ; CNS 5612 L3081-1980 ; DIN 53887-1986 ; CNS 12915 L3233-1991 6.27A ; ISO 9237-1995 ; ASTM D3574-2003 G	1200	
C13 Moisture Permeability					
C1301E	Moisture Permeability	1yd	JIS L1099-1993 A ; CNS 12222 L3223-1988	1200	
C1302E	Moisture Permeability	1yd	JIS L1099-1993 B ; CNS 12222 L3223-1988	5000	
C1303E	Moisture Permeability	1yd	ASTM E 96-1995	1200	
C1304E	Moisture Permeability	1yd	BS 7209-1990	2700	
C14 Wrinkle Recovery					
C1401E	Wrinkle Recovery (Recovery Angle Method)	1yd	AATCC 66-1998 option 2 ; JIS L1096-1999 ; CNS 5616 L3085-1980	700	
C15 Rumpling					
C1501E	Rumpling (Dry or Wet)	1yd	JIS L1096-1999 ; CNS 12915 L3233-1991	500	

No	Test Items	Sample Size	Test Methods	Price (NT \$)	Remark
C16 Water Leakage					
C1601E	Water Leakage for Nonwoven - Low pressure	1yd	CNS 10460 L3201-1983 5.1.2.4(3)	700	
C1602E	Water Leakage for Nonwoven - High pressure	1yd	CNS 10460 L3201-1983 5.1.2.4(3)	1000	
C17 Stiffness					
C1701E	Stiffness of Fabrics-Length of Overhang	1yd	ASTM D 1388-1996 ; JIS L1018-1999 ; CNS 12915-1991 6.19.1	850	
C18 Pile Fabric					
C1801E	Pile Fabric— Type of Pile	1yd	Visual Analysis	400	
C1802E	Pile Fabric— Pile of Length	1yd	JIS L1096-1999	500	
C1803E	Pile Fabric-Pile Numbers per Unit Area	1yd	JIS L1096-1999	1200	
C19 Appearance of Fabric after Laundering or Dry-cleaning					
C1901E	Appearance of Fabric after Laundering (5 Washes)	1.5yd	AATCC 124-2001	2080	
C1902E	Appearance of Fabric after Dry-Cleaning (One Wash)	1.5yd	JIS L1018-1999 ; JIS L1096-1999 (To evaluate by AATCC 124)	2500	
C20 Bursting Strength					
C2001E	Bursting Strength- Mullen Test	2yd	JIS L1096-1999 ; JIS L1018-1999 ; CNS 12915 3233-1991 ; CNS 13752 L3243-1996 ; ASTM D 3786-1987 ; BS 4768-92 ; IWS TM 29-1996	950	
C21 Bonded Strength					
C2101E	Bonded Strength	2yd	ASTM D 2724-1987 ; CNS 3294 K6310-1992 ; ISO 2411-2000 ; JIS L1096-1999 ; JIS L1089-1999 ; BS 3424 Part 7-1982	650	
C2102E	Bonded Strength(Hotmelt-type tape Method)	2yd	ASTM D 2724-1987 ; CNS 3294 K6310-1992 ; ISO 2411-2000 ; JIS L1096-1999 ; JIS L1089-1999 ; BS 3424 Part 7-1982	1000	
C22 Dimensional Changes (shrinkage)					
C2201E	Dimensional Changes (Shrinkage)— Washing Method- Immersing (One Wash)	1.5yd	CNS 8038 L3138-1983 ; CNS 8148 L1016-1994 ; CNS 13752 L3243-1996 ; JIS L1096-1999 ; JIS L1018-1999 ; JIS L0217-1995	450	NT\$320 for each extra wash (Washing Method) ; NT\$200 for each extra Measurement

No	Test Items	Sample Size	Test Methods	Price (NT \$)	Remark
C2202E	Dimensional Changes (Shrinkage)—Washing Method—Machine Washing (One Wash)—Home Laundering	1.5yd	AATCC 135-2003 ; CNS 8038 L3138-1983 ; CNS 8148 L1016-1994 ; CNS 13752 L3243-1996 ; JIS L1096-1999 ; IWS TM31-2002 ; JIS L1018-1999 ; JIS L0217-1995 ; BS 4923-1991 ; BS EN 26330-1994 ; ISO 6330-1984	800	NT\$320 for each extra wash (Washing Method) ; NT200 for each extra measurement ISO 6330 is certified by TÜV
C2203E	Dimensional Changes (Shrinkage)—Washing Method—Machine Washing (One Wash)—Commercial Laundering	1.5yd	AATCC 96-2001 ; CNS 8038 L3138-1983 ; CNS 13752 L3243-1996 ; JIS L1096-1999 ; JIS L1018-1999	800	NT\$320 for each extra Wash (Washing Method) ; NT\$200 for each extra measurement
C2204E	Water Bath Temperature above 65°C (Washing Method)	1.5yd	BS 4923-1991 ; BS EN 26330-1994 ; ISO 6330-1984	900	
C2205E	Dimensional Changes (Shrinkage) — Machine Dry Cleaning (One Wash)	1.5yd	JIS L1096-1999 ; JIS L1018-1999	2500	NT\$2300 for each extra Wash (Dry Cleaning)
C2206E	Dimensional Changes (Shrinkage) — Dry Heat Pressing (per Temp.)	1.5yd	CNS 8038 L3138-1983 ; JIS L1096-1999	400	
C2207E	Dimensional Changes (Shrinkage) — Free Steaming	1.5yd	CNS 8038 L3138-1983 ; JIS L1096-1999	700	
C23 Skewness Change in Fabric and Garment Twist after Home Laundering					
C2301E	Skewness Change in Fabric and Garment Twist after Home Laundering (5 Washes)	1.5yd	AATCC 179-2001	2080	
C24 Percentage Fabric Growth after Static Extension					
C2401E	Percentage Fabric Growth after Static Extension	1yd	JIS L1018-1999 ; JIS L1096-1999 ; CNS 8039 L3139-1981	1000	
C2402E	Percentage Fabric Growth after Static Extension	1yd	BS 4768-1972 ; ASTM D4964 ; ASTM D2594-1999	2500	
C2403E	Percentage Fabric Growth after Static Extension	1yd	IWS TM179-2001	3000	
C25 Spread of Resin					
C2501E	Spread of Resin		Visual Analysis	500	
C26 Tearing Strength					
C2601E	Tearing Strength—Pendulum (Elmendorf) Method	2yd	CNS 5610 L3080-1987 ; CNS 12915 L3233-1991 ; ASTM D 1424-1996 ; ISO 9290-1990 ; JIS L1096-1999 ; ASTM D5734-1995 ; ISO 13937-1-2000	450	

No	Test Items	Sample Size	Test Methods	Price (NT \$)	Remark
C2602E	Tearing Strength— Tongue Method	2yd	CNS 5610 L3080-1987 ; CNS 12915 L3233-1991 ; ASTM D 2261-1996 ; JIS L1096-1999 ; BS 3424-1982 ; CNS 3294 K6310-1992 ; ISO 2411-2000 ; ASTM D5735-1995 ; ISO 13937-2-2000 ; EN 388-2003	500	No discount for EN 388 EN 388 is certified by TÜV
C2603E	Tearing Strength— Trapezoid Method	2yd	CNS 5610 L3080-1987 ; CNS 12915 L3233-1991 ; JIS L1096-1999 ; ASTM D5733-1999 ; ISO 9073-4-1989 ; ASTM D5587-1996	550	
C2604E	Tearing Strength— Others (Floor Covering ect.)	2yd	CNS 12915 L3233-1991	1500	
C27 Breaking Strength					
C2701E	Breaking Strength— Grab Method	2yd	CNS 12915 L3233-1991 ; JIS L1096-1999 ; ASTM D 5034-95 ; JCS No.311A-1982 ; ISO 5082-1982 ; CNS 7397 K6662 ; ISO 13934-2-1999	450	Surcharge NT\$300 Including Breaking Elongation
C2702E	Breaking Strength— Strip Method	2yd	CNS 12915 L3233-1991 ; JIS L1096-1999 ; ASTM D 5035-1995 ; JCS No.311A-1982 ; BS 3424-1982 ; ISO 5082-1982 ; CNS 7397 K6662-1981 ; CNS 2709 L3064-1992 ; BS 2576-1986 ; ISO 13934-1-1999	500	Surcharge NT\$300 Including Breaking Elongation
C2703E	Breaking Strength-Tensile Elongation at the Specified Load	2yd	CNS 12915 L3233-1991 ; JIS L1096-1999 ; ASTM D 5034-1995 ; ASTM D 5035-1995 ; JIS No.311A-1982 ; BS 3424-1982 ; ISO 5082-1982 ; CNS 7397 K6662-1981 ; CNS 2709 L3064-1992 ; BS 2576-1986 ; ISO 13934-1999	800	
C2704E	Breaking Strength— Tensile Load at the Specified Elongation	2yd	CNS 12915 L3233-1991 ; JIS L1096-1999 ; ASTM D 5034-1995 ; ASTM D 5035-1995 ; JIS No.311A-1982 ; BS 3424-1982 ; ISO 5082-1982 ; CNS 7397 K6662-1981 ; CNS 2709 L3064-1992 ; BS	800	

No	Test Items	Sample Size	Test Methods	Price (NT \$)	Remark
			2576-1986 ; ISO 13934-1999		
C2705E	Breaking Strength— Others-Nonwoven	2yd	CNS 5610 L3080-1987 ; ISO 5081-1977 ; CNS 2689 L3062-1980 ; ISO 9073-3-1989	800	
C2706E	Breaking Strength-Others-Safety Belt	10m	FTMS 191- 6016 ; FTMS 191 - 4108 ; CNS 3973 D3037-1990 ; BS 3254 Part1:1988 Appendix B	1000	
C2707E	Breaking Strength— Others— Stretch Belts	10m	CNS 6842 L3103-1989	1000	
C2708E	Breaking Strength— Others— Braids	10m	CNS 3760 L3073-1987 ; CNS 3973 D3037-1989 ; FTMS 191-4108	1000	
C2709E	Breaking Strength— Others— Woolen Blanket	2yd	CNS 5610 L3080-1987 ; CNS 2689 L3062-1980	1500	
C2710E	Breaking Strength— Others— Net	5yd	CNS 10819 L3207-1984	1500	
C2711E	Breaking Strength— Others— Floor Covering	2yd	CNS 12915 L3233-1991	1500	
C2712E	Breaking Strength— Others— Foam, Leather	2yd	JIS K6251-1993 ; CNS 10487 A2165-1988 ; ASTM D3574-2003	1500	
C2713E	Breaking Strength-Others-Rope	10m	CNS 3760 L3073-1987 ; FTMS 6015-1989 ; CNS 3973 D3037-1989 ; FTMS 191-6016-1978 ; FTMS 191- 4108-1978	1500	
C28 Velcro					
C2801E	Velcro-Slippage Strength	100m	CNS 12649 L3227-1989 3.5	800	
C2802E	Velcro— Peel Strength	100m	CNS 12649 L3227-1989 3.6	800	
C29 Cover factor					
C2901E	Cover factor		IWS TM169-2000	1000	
C30 Loop Length					
C3001E	Length of Loop		IWS TM169-2000	450	
C31 Fuzzy Adherence					
C3101E	Fuzzy Adherence	1yd	JSIF Method	600	
C32 Penetration Resistance of Cloth with Feather and Down					
C3201E	Penetration Resistance of Cloth with Feather and Down-as	Feather and Down offered	FED 191 5530-1978	3000	

No	Test Items	Sample Size	Test Methods	Price (NT \$)	Remark
	Received	by Client			
C3202E	Penetration Resistance of Cloth with Feather and Down-1 st Wash	Feather and Down offered by Client	FED 191 5530-1978	4000	
C33 Water Repellency					
C3301E	Water Repellency-Spray Test	2yd	CNS 10461 L3202-1983 ; JIS L1092-1998 ; AATCC 22-2001 ; ISO 4920-1981 ; EN 24920	500	
C34 Water Resistance					
C3401E	Water Resistance Hydrostatic Pressure Test—Low	2yd	AATCC 127-1998 ; BS 2823-68 ; CNS 10460 L3201-1983 ; ISO 811-1981 ; JIS L1092-1998 ; BS 3424-1990 PART 26	700	
C3402E	Water Resistance Hydrostatic Pressure Test-High , above 20000mm	2yd	JIS L1092-1998 ; CNS 10460 L3201-1983	2200	
C3403E	Water Resistance—Hydrostatic Pressure Test—High , below 20000mm	2yd	JIS L1092-1998 ; CNS 10460 L3201-1983 ; ASTM D751-2000 ; FED.STD.No.191 A 5512-1978	1100	
C3404E	Water Resistance—Rain Test	2yd	AATCC 35-2000	800	
C35 Hydrocarbon Resistance Test					
C3501E	Oil Repellency (Hydrocarbon Resistance Test)	1yd	AATCC 118-2002 ; JIS L1096-1999 ; CNS 11308 L3217-1985	800	
C36 Seam Strength					
C3601E	Seam Strength—Woven Grab Method	2yd	CNS 8150 L3142-1981 ; JIS L1096-1999 ; CNS 13752 L3257-1996	500	Surcharge NT\$400 Including Seam Efficiency (CNS 13752 L3257)
C3602E	Yarn Slippage-Sewn Seam—Standard Seam (To be Seam by Lab)	2yd	ASTM D4034-1995 ; JIS L1096-1999 ; CNS 12915 L3233-1991 ; ASTM D434-1995	1200	
C3603E	Yarn Slippage—Sewn Seam—Prepared Seam (as Received)	2yd	ASTM D4034-1995 ; JIS L1096-1999 ; CNS 12915 L3233-1991 ; ASTM D434-1995	500	
C3604E	Seam Slippage	2yd	JIS L1096-1999 ; CNS 12915 L3233-1991 ; IWS TM117-2000 ; BS 3320-1970	1200	
C37 Pilling Resistance					
C3701E	Pilling Resistance—Random Tumble (per 30 Minutes)	1yd ; 30”×25”	ASTM D 3512-2002 ; JIS L1076-1992 ; ISO 12945-	450	

No	Test Items	Sample Size	Test Methods	Price (NT \$)	Remark
C3702E	Pilling Resistance— ICI Pilling Box (per 10000 Rev.)	1yd ; 30”×25”	3-2000 ; CNS 8040 L3140-1981 BS 5811-1986 ; JIS L1076-1992 ; IWS TM 152-2000 ; ISO 12945-1-2000 ; CNS 8040 L3140-1981	500	
C3703E	Pilling Resistance—Martindale	1yd ; 30”×25”	ASTM D 4970-2002 ; ISO 12945-2 2000 ; IWS TM 196-2000	600	
C38 Abrasion Resistance					
C3801E	Abrasion Resistance— Universal— No.400、No.2 Emery Paper(per 2000rubs)	1yd	JIS L1096-1999 ; ASTM D 3886-1999 ; CNS 12915 L3233-1991	600	
C3802E	Abrasion Resistance— Universal—No.0、No.00 Emery Paper(per 4000rubs)	1yd	JIS L1096-1999 ; ASTM D 3886-1999 ; CNS 12915 L3233-1991	600	
C3803E	Abrasion Resistance-Martindale -Wool(per 20000rubs)	1yd	JIS L1096-1999 ; CNS 12915 L3233-1991 ; ASTM D 4966-1998 ; IWS TM 112-2000	2500	
C3804E	Abrasion Resistance-Martindale -Emery Paper(2000rubs)	1yd	JIS L1096-1999 ; CNS 12915 L3233-1991 ; ASTM D 4966-1998 ; IWS TM 112-2000 ; EN 388-2003	2500	Over 2,000 rubs, NT\$500/per 1000 rubs. No discount for EN 388 EN 388 is certified by TÜV
C3805E	Abrasion Resistance-Double— Head Method-H18 (1000 Rubs)	1yd	JIS L1096-1999 ; CNS 12915 L3233-1991 ; ASTM D 3884-2001 ; CNS 13595 L3238-1995	1000	Over 1000 rubs, NT\$500/per 1000 rubs
C3806E	Abrasion Resistance-Double— Head Method-H38 (1000 Rubs)	1yd	JIS L1096-1999 ; CNS 12915 L3233-1991 ; ASTM D 3884-2001 ; CNS 13595 L3238-1995	1500	Over 1000 rubs, NT\$500/per 1000 rubs
C3807E	Abrasion Resistance-Double— Head Method- CS—10、CS—17 wheel(each rub)	1yd	JIS L1096-1999 ; CNS 12915 L3233-1991 ; ASTM D 3884-2001 ; CNS 13595 L3238-1995	5	
C3808E	Abrasion Resistance-Double— CS—10、CS—17 wheel offered by the client(each rub)	1yd	JIS L1096-1999 ; CNS 12915 L3233-1991 ; ASTM D 3884-2001 ; CNS 13595 L3238-1995	1	
C3809E	Abrasion Resistance— Oscillatory Cylinder Method(Wyzenbeek)— No.0 Emery Paper (per 250 Rubs)	1yd	ASTM D4157-2002	2500	
C3810E	Abrasion Resistance— Oscillatory Cylinder Method(Wyzenbeek)— No.10 Duck (per 10000 Rubs)	1yd	ASTM D4157-2002	1000	

No	Test Items	Sample Size	Test Methods	Price (NT \$)	Remark
C3811E	Abrasion Resistance—AATCC Crockmter-No.10 Cotton Duck (per 500rubs)	1yd	-	600	
C3812E	Abrasion Resistance—AATCC Crockmter-Emery Paper(per 100rubs)	1yd	-	600	
C3813E	Abrasion Resistance—AATCC Crockmter- Wool(per 500rubs)	1yd	-	600	
C39 Weathering (Ageing) Treatment					
C3901E	Weathering (Ageing) Treatment- (per Piece, 2 nd and 3 rd Piece Discount50%)-Light Treatment -Carbon-Arc	1.5yd	Test Conditions on Request	800	Minimum NT\$800 (Minimum 10 hours) , Surcharge NT\$80 for each extra hour after 10 hours,
C3902E	Weathering (Ageing) Treatment- (per Piece, 2 nd and 3 rd Piece Discount50%)-Light Treatment-Xenon-Arc	1.5yd	Test Conditions on Request	1000	Minimum NT\$1000 (Minimum 10 hours.) , Surcharge NT\$150 for each extra hour after 10 hours,
C3903E	Weathering (Ageing) Treatment (per Piece, 2 nd and 3 rd Piece Discount 50%)-Hot Air Treatment (below 200°C)	1.5yd	Test Conditions on Request	500	Minimum NT\$500 (Minimum 10 hours.) , Surcharge NT\$50 for each extra hour after 10 Hours,
C3904E	Weathering (Ageing) Treatment (per Piece, 2 nd And 3 rd Piece Discount 50%)-Hot Air Treatment (above 200°C)	1.5yd	Test Conditions on Request	1300	Minimum NT\$1300 (Minimum 10 hours.) , Surcharge NT\$130 for each extra hour after 10 Hours,
C3905E	Weathering (Ageing) Treatment (per Piece, 2 nd And 3 rd Piece Discount 50%)-Freezing Treatment(Above -30°C)	1.5yd	Test Conditions on Request	2500	Minimum NT\$2500 (Minimum 1 hour.) , Surcharge NT\$300 for each extra hour after 1st hour,
C3906E	Weathering (Ageing) Treatment(per Piece, 2 nd and 3 rd Piece Discount 50%)-Freezing Treatment (below -30°C)	1.5yd	Test Conditions on Request	2500	Minimum NT\$2500 (Minimum 1 hour.) , Surcharge NT\$400 for each extra hour after 1st hour,
C3907E	Weathering (Ageing) Treatment(per Piece, 2 nd and 3 rd Piece Discount 50%)-Tropical Treatment (Minimum 1Hr) (below Temp ≐ 70°C ,Humidity:Max.95 %R.H)	1.5yd	Test Conditions on Request	1000	Minimum NT\$1000 (Minimum 1 hour.) , Surcharge NT\$50 for each extra hour after 1st hour,
C40 Fabric Length					
C4001E	Length of Fabric		ASTM D3773-1990	800	
C41 Resistance of Blocking					
C4101E	Resistance of Blocking	0.5yd	FED 191 A method 5872-1978 ; BS 3424 part 12-1993	800	

No	Test Items	Sample Size	Test Methods	Price (NT \$)	Remark
C42 Resistance to damage by Flexing					
C4201E	Resistance to damage by Flexing	2yd	ISO 7854-1995 method C ; BS 3424 part 9-1996	1500	
C43 Puncture Resistance					
C4301E	Puncture Resistance	1yd ; 4pairs of gloves	EN 388-2003	2500	No Discount EN 388 is certified by TÜV
C44 Blade Cut Resistance					
C4401E	Blade Cut Index	1.5yd ; 10pairs of gloves	EN 388-2003	4000	No Discount.Cost of blades to be charged EN 388 is certified by TÜV
C45 Drop Ball Impact Protectors Test					
C4501E	Drop Ball Impact Protectors Test	A4 ; Armour*2	BS EN 1621-1-1998	3000	No Discount. BS EN 1621-1 is certified by TÜV
IV 、Apparel and Clothing Accessories					
D01 Dimensional Changes (Shrinkage)					
D0101E	Dimensional Changes (Shrinkage)—Washing Method-Immersing (One Wash)	3pcs		450	Surcharge NT\$320 for each extra wash ; Surcharge NT\$200 for each extra measurement ; NT\$900 for water bath Temperature above 65°C
D0102E	Dimensional Changes (Shrinkage)— Washing Method-Machine Washing(One Wash)	3pcs	AATCC 150-2001	800	Surcharge NT\$320 for each extra wash ; Surcharge NT\$200 for each extra Measurement ; NT\$900 for water bath temperature above 65°C
D02 Appearance in Fabrics after Laundering					
D0201E	Smoothness of Seams in Fabrics after Laundering (5 Washes)	1.5yd ; 3pcs	AATCC 88B-2001	2080	
D0202E	Appearance of Fabric after Laundering (5 Washes)	3pcs	AATCC 124-2001	2080	
D0203E	Retention of Creases in Fabric after Laundering (5 Washes)	1.5yd ; 3pcs	AATCC 88C-2001	2080	
D0204E	Appearance of Apparel and Other Textile End Products after Laundering (5 Washes)	3pcs	AATCC 143-2001	2080	

No	Test Items	Sample Size	Test Methods	Price (NT \$)	Remark
D03 Measuring Zipper Dimensions					
D0301E	Measuring Zipper Dimensions (Each Portion)	10 pcs	ASTM D 3657-1988 ; CNS 1081 S1018	250	
D04 Zipper Longitudinal Dimensional Change (Shrinkage)					
D0401E	Zipper Longitudinal Dimensional Change (Shrinkage)—Home Laundry Method (One Wash)	10 pcs	CNS 1083 S2020-1982	800	Surcharge NT\$320 for each extra wash, ; Surcharge NT\$200 for each measurement,
D0402E	Zipper Longitudinal Dimensional Change (Shrinkage)—Dry Heat Procedure	10 pcs	CNS 1083 S2020-1982	400	
D05 Zipper Strength					
D0501E	Zipper Strength—Chain Crosswise Strength (Lateral Strength)	10 pcs	CNS 1083 S2020-1982	1000	
D0502E	Zipper Strength-Top Stop Test	10 pcs	CNS 1083 S2020-1982	800	
D0503E	Zipper Strength—Open-End Fastener Box Test	10 pcs	CNS 1083 S2020-1982	800	
D0504E	Zipper Strength—Close-End Test	10 pcs	CNS 1083 S2020-1982	800	
D0505E	Zipper Strength—Puller Attachment Test	10 pcs	CNS 1083 S2020-1982	800	
D0506E	Zipper Strength—Slider Lock Holding Strength	10 pcs	CNS 1083 S2020-1982	800	
D06 Spirality					
D0601E	Spirality	2pcs	IWS TM 276-2000	1000	
V 、Chemical Analysis					
E01 Fiber Content					
E0101E	Fiber Content—Fabric Disassembling	Fabric : 0.5yd ; Yarn : 50g	AATCC 20A-2000 ; AATCC 20-2002 ; CNS 2339 L3050-1987 ; JIS L1030-1998 ; IWS TM 155-2000 ; ASTM D 629- 1995 ; ASTM D 276- 1987 ; ISO 1833-1977 ; ISO 5088-1976 ; BS 4407- 1975	500	
E0102E	Fiber Content(Each Fiber)— Chemical Analysis	Fabric : 0.5yd ; Yarn : 50g		400	
E0103E	Fiber Content (Each Fiber)— Mechanical Analysis	Fabric : 0.5yd ; Yarn : 50g		400	
E0104E	Fiber Content—Microscopical Analysis (Cotton/Linen ; Ramie ; Jute)	Fabric : 0.5yd ; Yarn : 50g		2000	
E0105E	Fiber Content (Each Fiber)— Identification Special Fibers	Fabric : 0.5yd ; Yarn : 50g		3000 Unknown ; 1500 known	

No	Test Items	Sample Size	Test Methods	Price (NT \$)	Remark
E02 Sizing Content					
E0201E	Sizing Content	0.5yd	JIS L1096-1999 ; CNS 12915 L3233-1991	500	
E03 Free Formaldehyde Content					
E0301E	Free Formaldehyde Content	Fabric : 0.5yd ; Yarn : 50g	AATCC 112-2003 ; BS EN ISO 14184-2-1998 ; BS EN ISO-1-1999 ; ISO 14184-1- 1998	1300	
E0302E	Free Formaldehyde Content	Fabric : 0.5yd ; Yarn : 50g	JIS L1041-2000 ; CNS 12943 L3234-1991	800	
E04 pH Value					
E0401E	pH Value	Fabric : 0.5yd ; Yarn : 50g	AATCC 81-2001 ; CNS 12639 P2071-1998 ; ISO 3071-1980	600	
E05 Residual Sulfuric Test					
E0501E	Residual Sulfuric Test	Fabric : 0.5yd ; Yarn : 50g	CNS 11263 L3216-1985	600	
E06 Fluorescent Agent Reflection Test					
E0601E	Fluorescent Agent Reflection Test	Fabric : 0.5yd ; Yarn : 50g	Instrument	300	
E07 Ash Content					
E0701E	Ash Content	Fabric : 0.5yd ; Yarn : 50g	CNS 8709 L3166-1982	2000	
E08 Mercerization in Cotton					
E0801E	Mercerization in Cotton	Fabric : 0.5yd ; Yarn : 50g	AATCC 89-2003	4000	
E09 Soil Release(Oily Stain)					
E0901E	Soil Release:(Oily Stain)		AATCC Test Method 130- 2000	1200	
VI 、Flammability					
F01 Flammability					
F0101E	Flammability1	2yd	Method of Railway Administration	1800	Surcharge NT\$500, if pretreatment required
F0102E	Flammability2	2yd	ASTM D1230-1994	900	
F0103E	Flammability3	2yd	ASTM D2863-1995	2500	
F0104E	Flammability4	2yd	ASTM D4372-1993	2100	
F0105E	Flammability5	2yd	CNS 7614 A3125-1994	4000	
F0106E	Flammability6	2yd	CNS 10285 L3196-1995	2100	
F0107E	Flammability7	2yd	CNS 13387 D3195-1994	2100	

No	Test Items	Sample Size	Test Methods	Price (NT \$)	Remark
F0108E	Flammability8	2yd	CNS 13924 L3249-1997	2600	
F0109E	Flammability9	2yd	CNS 13591 L4161-1995	2600	
F0110E	Flammability10	2yd	CNS 13592 L4162-1995	2600	
F0111E	Flammability11	2yd	CPAI-84 SEC5-1995	2100	Surcharge NT\$2050, If Leaching for 72 hr
F0112E	Flammability12	2yd	CPAI-84 SEC6-1995	2100	Surcharge NT\$2050, If Leaching for 72 hr.
F0113E	Flammability13	2yd	CPSC 16 CFR 1610-2003	900	
F0114E	Flammability14	2yd	CPSC 16 CFR 1615-1999	1050	
F0115E	Flammability15	2yd	CPSC 16 CFR 1616-1999	1050	
F0116E	Flammability16	2yd	CS191-53-1995	900	
F0117E	Flammability17	2yd	CA117 Section E	900	
F0118E	Flammability18	2yd	DOCFE 3-71	1050	
F0119E	Flammability19	2yd	FAR 25.853	2100	
F0120E	Flammability20	2yd	FTMS 191A-5903.1-1989	2100	
F0121E	Flammability21	2yd	FMVSS No.302-1972	2100	
F0122E	Flammability22	2yd	JIS L1091-1999	2100	
F0123E	Flammability23	2yd	BS 5852 Part 1-1979(S0) ; BS 5852-1990(S0) ; BS EN 1021-1-1994	7000	Surcharge NT\$1000 for Immersing (No Discount)
F0124E	Flammability24	2yd	BS 5852 Part 1-1979(S1) ; BS 5852-1990(S1) ; BS EN 1021-2-1994	3500	Surcharge NT\$1000 for Immersing (No Discount)
F0125E	Flammability25	2yd	BS 5852 Part 1- 1979(S0+S1) ; BS 5852- 1990(S0+S1)	8400	Surcharge NT\$1000for Immersing (No Discount)
F0126E	Flammability26	2yd	BS 5852 Part 2-1982(S5) ; BS 5852-1990(S5)	7000	Surcharge NT\$1000 for Immersing, (No Discount)
F0127E	Flammability27	2yd	BS EN 532-1995	10000	No Discount. BS EN 532 is certified by TÜV
F0128E	If Wash Required, Surcharge	2yd		800	
F0129E	If Dry-Clean Required, Surcharge	2yd		2500	
F02 NFA-Non-Inflammable Test					
F0201E	NFA-Non-inflammable Floor Pavement Item	1.5yd	Non-inflammable Property Testing Standard (Ministry of the Interior)	2100	
F0202E	NFA-Non-inflammable Curtain -As Received	2yd	Non-inflammable Property Testing Standard (Ministry of the Interior)	2100	
F0203E	NFA-Non-inflammable Curtain with Washing Resistant Property	3yd	Non-inflammable Property Testing Standard (Ministry of the Interior)	6280	
F0204E	NFA-Non-inflammable Curtain with Dry-Clean Resistant Property	3yd	Non-inflammable Property Testing Standard (Ministry of the Interior)	15900	
F0205E	NFA-Non-inflammable Curtain with Washing and Dry-Clean Resistant Property	4yd	Non-inflammable Property Testing Standard (Ministry of the Interior)	20080	
F0206E	If Times of Burner Flame Contact Required, Surcharge	1yd	Non-inflammable Property Testing Standard (Ministry of the Interior)	1800	

No	Test Items	Sample Size	Test Methods	Price (NT \$)	Remark
VII、Color Fadtness					
G01 Acid					
G0101E	Acid (per Solvent)	Fabric : 0.5yd ; Yarn : 50g	AATCC 6-2001 ; CNS 9019 L3176-1999 ; JIS L0851-1994	500	
G02 Alkali					
G0201E	Alkali (per Solvent)	Fabric : 0.5yd ; Yarn : 50g	AATCC 6-2001 ; CNS 9020 L3177-1999 ; JIS L0852-1994	500	
G03 Bleaching with Chlorine					
G0301E	Bleaching with Chlorine	Fabric : 0.5yd ; Yarn : 50g	ISO-105-E03-1994 ; CNS 1498 L3031-1998 ; JIS L0856-2002	600	
G0302E	Bleaching with Hydrogen Peroxide	Fabric : 0.5yd ; Yarn : 50g	AATCC 101-1999	1000	
G04 Crocking(Rubbing)					
G0401E	Crocking (Rubbing) — AATCC Crockmeter	Fabric : 0.5yd ; Yarn : 50g	AATCC8-2001 ; CNS 1499 L3032-1998 ; JIS L0849-2004 ; IWS TM165-2002 ; ISO 105 X12-2001 ; BS1006-X12- 1990	300	
G0402E	Crocking (Rubbing) — GAKUSHIN Rubbing Meter	Fabric : 0.5yd ; Yarn : 50g	CNS 1499 L3032-1998 ; JIS L0849-2004	400	
G0403E	Crocking (Rubbing) — Rotary Vertical Crockmeter	Fabric : 0.5yd ; Yarn : 50g	AATCC 116-2001 ; ISO X16-2001	300	
G05 Dry-Cleaning					
G0501E	Dry — Cleaning — Perchloroethylene	Fabric : 0.5yd ; Yarn : 50g	AATCC 132-2003	1500	
G0502E	Dry — Cleaning — Perchloroethylene	Fabric : 0.5yd ; Yarn : 50g	CNS 8434 L3155-1999 ; JIS L0860-1996 ; ISO 105- D01-1993 ; BS 1006-D01- 1990	600	
G06 Dry Heat,Excluding Pressing					
G0601E	Dry Heat, Excluding Pressing (per Temp.)	Fabric : 0.5yd ; Yarn : 50g	AATCC 117-1999 ; CNS 9021 L3178-1998 ; JIS L0879-1996 ; ISO 105- P01-1993 ; BS 1006-P01- 1990	450	
G07 Hot Pressing					
G0701E	Hot Pressing (per Temp.)	Fabric : 0.5yd ; Yarn : 50g	AATCC 133-1999 ; CNS 8532 L3156-1999 ; JIS L0850-1994 ; ISO 105- X11-1994 ; BS 1006-X11-	450	

No	Test Items	Sample Size	Test Methods	Price (NT \$)	Remark
1990					
G08 Light					
G0801E	Light— Carbon-Arc Lamp (per 20 AFU or 20 Hr.)	Fabric : 0.5yd ; Yarn : 50g	AATCC 16-2003 ; CNS 3845 L3074-1998 ; JIS L0842-2004	630	
G0802E	Light— Xenon-Arc Lamp (per 20 AFU or 20 Hr.)	Fabric : 0.5yd ; Yarn : 50g	AATCC 16-1998 ; CNS 3846 L3075-1998 ; JIS L0843-1998 ; IWS TM 5- 2000 ; ISO 105-B02- 1994 ; BS1006-B02- 1990 ; BS EN 20105-B02- 1993	1000	
G0803E	Weathering-Xenon-Arc Lamp(per 20 AFU or 20Hr.)	Fabric : 0.5yd ; Yarn : 50g	ISO 105-B04-1994	3000	
G09 Mercerization					
G0901E	Mercerization	Fabric : 0.5yd ; Yarn : 50g	CNS 8616 L3158-1995 ; JIS L0863-1998	600	
G10 Bleeding					
G1001E	Bleeding	Fabric : 0.5yd ; Yarn : 50g	MIZUNO	450	
G11 Perspiration					
G1101E	Perspiration	Fabric : 0.5yd ; Yarn : 50g	AATCC 15-2002 ; CNS 1496 L3029-1998 ; JIS L0848-2004 ; IWS TM 174-2002 ; ISO 105-E04- 1994 ; BS 1006-E04-1990	500	
G12 Washing					
G1201E	Washing-Detergent Solution	Fabric : 0.5yd ; Yarn : 50g	AATCC 61-2003 ; CNS 1494 L3027-1999 ; JIS L0844-1997 ; IWS TM 193-2002 ; IWS TM 250- 2002 ; ISO 105- C 01~ C05-1989 ; ISO 105-C06- 1994	350	
G1202E	Washing-Chlorinated Solution	Fabric : 0.5yd ; Yarn : 50g	AATCC 61-2003 ; CNS 1494 L3027-1999 ; JIS L0844-1997	600	
G1203E	Washing Temp.over 80°C and Washing Time over 2 Hr. and Washing Time below 4 Hr.	Fabric : 0.5yd ; Yarn : 50g		800	
G13 Water					
G1301E	Water—Distilled or Deionizer Water (below 38°C)	Fabric : 0.5yd ; Yarn : 50g	AATCC 107-2002 ; CNS 1497 3030-1998 ; JIS 0846-2004 ; IWS TM 6- 2002 ; ISO 105-E01- 1994 ; BS 1006-E01-1990	350	

No	Test Items	Sample Size	Test Methods	Price (NT \$)	Remark
G1302E	Water—Hot Water	Fabric : 0.5yd ; Yarn : 50g	JIS L0845-1998 ; CNS 1495 L3028-1983	400	
G1303E	Water—Chlorinated Pool Water	Fabric : 0.5yd ; Yarn : 50g	AATCC 162-2002 ; JIS L0884-1996 ; CNS 9017 L3174-1999 ; ISO 105- E03-1994	600	
G1304E	Water—Sea Water	Fabric : 0.5yd ; Yarn : 50g	AATCC 106-2002 ; CNS 8430 L3151-1998 ; JIS L0847-2004 ; ISO 105- E02-1994	500	
G14 Dye Transfer in Storage					
G1401E	Dye Transfer in Storage	Fabric : 0.5yd ; Yarn : 50g	AATCC 163-2002 ; CNS 8533 L3157-1995 ; JIS L0854-2001	650	
G15 Water and Light					
G1501E	Water and Light (5 Cycles) (Water or Sea Water)	Fabric : 0.5yd ; Yarn : 50g	AATCC 125-1991	1500	
G16 Light and Perspiration					
G1601E	Light and Perspiration (per 20AFU or 20Hr.) (Each Solution)	Fabric : 0.5yd ; Yarn : 50g	JIS L0888-1988 B ; CNS 9902 L3193-1998 B	850	
G17 Migration of Colors					
G1701E	Migration of Colors into Polyvinyl Chloride Foil	Fabric : 0.5yd ; Yarn : 50g	ISO 105-X10-1993	1200	
G18 Color Difference					
G1801E	Color Difference-by Gray Scale	0.5yd	By Visual Rating	400	
G1802E	Color Difference-Rating, Surcharge	0.5yd	By Visual Rating	100	
G1803E	Color Difference-Measurement by Instrument	0.5yd	Spectrometer	1800	NT\$900 If the standard values are provided

VIII 、 Functional Textiles

H01 Fabric Handle

H0101E	Fabric Hand or Objective Evaluation Including KES and FAST Test	2yd	KES Tester	10000	
H0102E	KES Fabric Test— All Test (KES-1 To KES-5)	1yd	KES Tester	6000	
H0103E	Including Analysis, Surcharge	1yd	KES Tester	1500	
H0104E	Each Test (KES-1 or KES-2 or KES-3 or KES-4)	0.5yd	KES Tester	2000	
H0105E	Including Analysis, Surcharge		KES Tester	1000	
H0106E	All Test (FAST-1 to FAST-4)	1yd	FAST Tester	3000	
H0107E	Including Analysis, Surcharge		FAST Tester	1000	
H0108E	Each Test (FAST-1 or FAST-2 or FAST-3)	1yd	FAST Tester	1000	
H0109E	Including Analysis, Surcharge		FAST Tester	500	

No	Test Items	Sample Size	Test Methods	Price (NT \$)	Remark
H0110E	Thermal Protective Property Test	0.5yd	NFPA 1971-2000(TPP Test) ; EN 366-1993 ; EN 367-1992 ; ISO 6942	5000	EN 366&EN 367 are certified by TÜV
H02 Quick Wicking and Drying Test					
H0201E	Residual Water Near Skin	0.5yd	Skin Model	3000	
H0202E	Water Absorption Properties Test-Drying Time (Minute)	1yd	CNS 12915 L3233 6.25.1A ; JIS L1096 6.25.1A	1500	
H0203E	Additional Diagram, Surcharge			200	
H0204E	Water Absorption Properties Test-The Evaporated Free Water Weight	20cm×20cm×3 pcs	JIS L1096 6.25 2B(1990)	1500	
H0205E	Water Absorption Properties Test-Wicking Height (By IR)	1yd	JIS L1096 6.25 1B(1990) ; CNS 12915 L3233 6.25.1B	3000	
H0206E	Water Absorption Properties Test-Wicking Height (By Vision)	1yd	JIS L1096 6.25 1B(1990)	750	
H0207E	Water Absorption Properties Test-Water Absorption Rate	1yd	CNS 12915 L3233 6.26.1B	750	
H0208E	Water Absorption Properties Test-Water Diffusion Area	20cm×2.5cm×1 0PCS	Thermo vision	3000	
H0209E	Additional Diagram, Surcharge		Thermo vision	200	
H0210E	Water Absorption Properties Test-Intrinsic Absorbency	50cm×50cm×1 PCS	Texwipe Company Test Method No.3	1500	
H0211E	Water Absorption Properties Test-Extrinsic Absorbency	20cm×20cm×3 PCS	Texwipe Company Test Method No.3	1500	
H0212E	Water Absorption Properties Test-Absorption under Load	20cm×20cm×3 pcs	Contant Weight Method	2000	
H03 Antistatic Test					
H0301E	Antistatic Test – Frictional Charge	0.5yd	CNS 8312 L3148 ; JIS L1094-1996	3500	
H0302E	Antistatic Test – Half Decay Time	0.5yd	CNS 8312 L3148 ; JIS L1094-1996	3500	
H0303E	Antistatic Test – Frictional Charge, Half Decay Time	0.5yd	CNS 8312 L3148 ; JIS L1094-1996	6000	
H0304E	Antistatic Test- Surface Resistivity	0.5yd	AATCC 76-1995	2500	
H0305E	Antistatic Test – Decay Time	0.5yd	FTMS 101C-4046-69	6000	
H04 Heat-Regenerating and Thermal Property Test					
H0401E	Infrared Thermograph Test – Heat Accumulation Property	1yd	Thermo vision	3000	
H0402E	Infrared Thermograph Test – Object Surface Temperature	1yd	Thermo vision	3000	
H0403E	Including Analysis, Surcharge		Thermo vision	1000	
H0404E	Including Image, Surcharge		Thermo vision	500	
H0405E	Intrinsic Thermal Resistance	1yd	ASTM D 1518-85	2500	
H0406E	Intrinsic Thermal Resistance	1yd	ISO 11092 (Rct)	3000	
H0407E	Warmth Keeping Ratio	0.5yd	JIS L1096-1990 6.28.1A	2500	
H0408E	Far Infrared Emissivity	1yd	Far Infrared Emissivity Instrument	9000	

No	Test Items	Sample Size	Test Methods	Price (NT \$)	Remark
H05 UV-Cut Test					
H0501E	Ultra Violet Transmission of Fabric (UPF)	0.5yd	AATCC 183-2000 ; AS/NZS 4399 APPENDIX A-1996	3000	
H0502E	Additional Diagram, Surcharge			200	
H06 Light Reflective Test					
H0601E	Retro Reflection	1yd	JIS Z9117	2000	
H0602E	Light Blocking Effect of Fabric	1yd	JIS L1055-1987 B ; AATCC 148-1989	2000	
H07 Air Filtration Test					
H0701E	Pore Size	1yd	ASTM F316	3000	
H0702E	Air Filter Test	1yd	TSI Method	3000	
H0703E	Cover Ratio	20cm×20cm	By Image	2000	
H08 Evaporative Resistance Test					
H0801E	Water Vapor Resistance	1yd	ISO 11092-1993	5000	
H09 Elastic Property Test					
H0901E	(Bare Yarn, Covering Yarn) Breaking Strength and Elongation	Half package	DIN 53835 Part 2 ; Test Conditions on Request	1500	
H0902E	Including Load at Specified Extension, Surcharge			800	
H0903E	Immediate Cyclic Test	Half package	DIN 53835 Part 2	2500	
H0904E	Delayed Cyclic Test	Half package	DIN 53835 Part 2	3000	
H0905E	Denier	Half package		1000	
H0906E	Denier	Half package		1200	
H0907E	Cyclic Test	2yds	CNS ; ASTM D4964 ; Test Conditions on Request	3000	
H10 Water Tests with Human Subject and Manikin					
H1001E	Clothing Thermal Insulation with Manikin	1Set	ASTM F1291	20,000	
H1002E	Physiological Test on Clothing Comfort (1 st hr.)		Environmental Chamber · Temperature range:-40℃ ~ 90℃ · Humidity range:20 ~ 95%Rg under temperature at 20℃ ~ 60℃ · Velocity range: 0~6m/s	6,000	
H1003E	Physiological Test on Clothing Comfort- (per hr.), Surcharge		Environmental Chamber · Temperature range:-40℃ ~ 90℃ · Humidity range:20 ~ 95%Rg under temperature at 20℃ ~ 60℃ · Velocity range: 0~6m/s	1500	
H1004E	Temperature Sensor (one Piece), Surcharge		Environmental Chamber · Temperature range:-40℃ ~ 90℃ · Humidity range:20 ~ 95%Rg under temperature at 20℃ ~ 60℃ · Velocity range: 0~6m/s	1500	

No	Test Items	Sample Size	Test Methods	Price (NT \$)	Remark
H1005E	Temperature Sensor (Two Pieces), Surcharge		Environmental Chamber Temperature range:-40°C ~ 90°C Humidity range:20 ~ 95%Rg under temperature at 20°C ~ 60°C Velocity range: 0~6m/s	2500	
H1006E	Temperature Sensor (Three Pieces), Surcharge		Environmental Chamber Temperature range:-40°C ~ 90°C Humidity range:20 ~ 95%Rg under temperature at 20°C ~ 60°C Velocity range: 0~6m/s	3000	
H1007E	Temperature Sensor (Four Pieces), Surcharge		Environmental Chamber Temperature range:-40°C ~ 90°C Humidity range:20 ~ 95%Rg under temperature at 20°C ~ 60°C Velocity range: 0~6m/s	3500	
H1008E	Temperature Sensor (Five Pieces), Surcharge		Environmental Chamber Temperature range:-40°C ~ 90°C Humidity range:20 ~ 95%Rg under temperature at 20°C ~ 60°C Velocity range: 0~6m/s	4000	
H1009E	Temperature Sensor (Six Pieces), Surcharge		Environmental Chamber Temperature range:-40°C ~ 90°C Humidity range:20 ~ 95%Rg under temperature at 20°C ~ 60°C Velocity range: 0~6m/s	4500	
H1010E	Temperature Sensor (Seven Pieces), Surcharge		Environmental Chamber Temperature range:-40°C ~ 90°C Humidity range:20 ~ 95%Rg under temperature at 20°C ~ 60°C Velocity range: 0~6m/s	5000	
H1011E	Temperature Sensor (Eight Pieces), Surcharge		Environmental Chamber Temperature range:-40°C ~ 90°C Humidity range:20 ~ 95%Rg under temperature at 20°C ~ 60°C Velocity range: 0~6m/s	5500	
H1012E	Physiological Test on Clothing Comfort-Temperature and Humidity Sensor (One Piece)		Environmental Chamber Temperature range:-40°C ~ 90°C Humidity range:20 ~ 95%Rg under temperature at 20°C ~ 60°C Velocity range: 0~6m/s	3000	
H1013E	Physiological Test on Clothing Comfort-Temperature and Humidity Sensor (Two Pieces)		Environmental Chamber Temperature range:-40°C ~ 90°C Humidity range:20 ~ 95%Rg under temperature at 20°C ~ 60°C Velocity range: 0~6m/s	5000	

No	Test Items	Sample Size	Test Methods	Price (NT \$)	Remark
H1014E	Physiological Test on Clothing Comfort-Temperature and Humidity Sensor (Three Pieces)		Environmental Chamber Temperature range:-40℃ ~ 90℃ Humidity range:20 ~ 95%Rg under temperature at 20℃ ~ 60℃ Velocity range: 0~6m/s	6000	
H1015E	Physiological Test on Clothing Comfort-Laser Blood Flow (One Piece)		Laser Dopler	1500	
H1016E	Physiological Test on Clothing Comfort-Laser Blood Flow (Two Pieces)		Laser Dopler	3000	
H1017E	Physiological Test on Clothing Comfort-Treadmill, Surcharge		Treadmill	100	
H1018E	Physiological Test on Clothing Comfort-Ergometer, Surcharge		Ergo meter	100	
H1019E	Physiological Test on Clothing Comfort-Subject		Subject	500	
H11 Anti-Bacterial and Fungi Tests					
H1101E	Anti-bacterial Test—Qualitative Method	A4	JIS L1902-1998 ; AATCC147-1998 ; ASTM G22-1990	2500(Legionella pneumophila 6000)	Staphylococcus aureus,M.R.S.A., Klebsiella pneumoniae,Escherichia coli(O157:H7), Enterobacter aeruginosa,Proteus vulgaris, Staphylococcus epidermidis, Streptococcus faecalis,Candida albicans
H1102E	Anti-bacterial Test—Quantitative Method	0.5yd	JIS L1902-1998 ; AATCC 100-1999 ; AATCC 174-1993 (Carpet Method)	3000(Legionella pneumophila 6000)	Staphylococcus aureus,M.R.S.A., Klebsiella pneumoniae,Escherichia coli(O157:H7), Enterobacter aeruginosa,Proteus vulgaris, Staphylococcus epidermidis, Streptococcus faecalis,Candida albicans
H1103E	Anti-bacterial Test—Quantitative Method	5cm×5cm×10 pieces	JIS Z 2801 ; 2000 Film Adhesion Method (Plastics; Metallic Plate; China)	4000(Legionella pneumophila 6000)	Staphylococcus aureus,M.R.S.A., Klebsiella pneumoniae,Escherichia coli(O157:H7), Enterobacter aeruginosa,Proteus vulgaris, Staphylococcus epidermidis,

No	Test Items	Sample Size	Test Methods	Price (NT \$)	Remark
					Streptococcus faecalis, Candida albicans
H1104E	If Light Exposure Required, Surcharge NT\$500				Staphylococcus aureus, M.R.S.A., Klebsiella pneumoniae, Escherichia coli(O157:H7), Enterobacter aeruginosa, Proteus vulgaris, Staphylococcus epidermidis, Streptococcus faecalis, Candida albicans
H1105E	Anti-fungi Test—Qualitative Method- Single fungus	100cm×100cm	CNS 2690 L3063-1975 ; AATCC 30-1993 ; ASTM G21-1990 ; JIS Z2911-2000	2500	
H1106E	Anti-fungi Test—Qualitative Method- Mixed fungi	60cm×60cm	CNS 2690 L3063-1975 ; AATCC 30-1993 ; ASTM G21-1990 ; JIS Z2911-2000	3000	
H12 Anti-Mite Test					
H1201E	Anti-Mite Test	30cm×40cm ; A4 ; fiber 10g	Preventing Method (JAPAN)	12000	
H1202E	If Hot Air treatment required, surcharge		81℃×48hrs	2400	
H1203E	If light Exposure Required, Surcharge		JIS L0842-2004 63℃×80hrs	3200	
H1204E	If wash required, surcharge		JIS L0217 –1995 103, 3 Cycles	1400	
H13 Minusion Test					
H1301E	Minusion Test	1yd	Instrument	3000	
H14 Efficacy of Mosquito Repellent Test					
H1401E	Efficacy of Mosquito Repellent Test(Aedes aegypti)	0.5yd	Efficacy of Mosquito Repellent Textiles on Human	15000	First Test NT\$15000 ; Each Additional Test More than one NT\$12000
IX 、 Safety Textiles					
I01 Heavy Metal Content Test					
I0101E	Heavy Metal Content Test—Al	100g	ASTM D857	800	
I0102E	Heavy Metal Content Test—As	100g	ASTM D2972	1000	
I0103E	Heavy Metal Content Test—Ba	100g	ASTM D4382	800	

No	Test Items	Sample Size	Test Methods	Price (NT \$)	Remark
I0104E	Heavy Metal Content Test – Ca	100g	ASTM D511	800	
I0105E	Heavy Metal Content Test – Cd	100g	ASTM D3557	800	
I0106E	Heavy Metal Content Test – Cu	100g	ASTM D1688	800	
I0107E	Heavy Metal Content Test – Co	100g	ASTM D3558	800	
I0108E	Heavy Metal Content Test – Fe	100g	ASTM D1068	800	
I0109E	Heavy Metal Content Test – Hg	100g	ASTM D3223	1000	
I0110E	Heavy Metal Content Test – K	100g	ASTM D4192	800	
I0111E	Heavy Metal Content Test – Ni	100g	ASTM D1886	800	
I0112E	Heavy Metal Content Test – Na	100g	ASTM D4191	800	
I0113E	Heavy Metal Content Test – Pb	100g	ASTM D3559	800	
I0114E	Heavy Metal Content Test – Sb	100g	ASTM D3697	1000	
I0115E	Heavy Metal Content Test – Se	100g	ASTM D3859	800	
I0116E	Heavy Metal Content Test – Zn	100g	ASTM D1691	800	
I0117E	Heavy Metal Content Test – Zr	100g	ASTM D1971	800	
I0118E	Heavy Metal Content Test – Cr	100g	ASTM D1687	800	
I0119E	Heavy Metal Content Test – Ag	100g	ASTM D3866	1000	
I0120E	Heavy Metal Content Test – Au	100g	ASTM D1971	1000	
I0121E	Heavy Metal Content Test – Ti	100g	ASTM D1971	1000	
I0122E	Heavy Metal Content Test – Mg	100g	ASTM D511	800	
I0123E	Heavy Metal Content Test-A Set EN71-3 (As、Ba、Cd、 Cr、Hg、Sb、Se、Pb)	100g	EN 71 PART 3 1994	5600	
I0124E	If Special Treatment is needed, Surcharge			By Case	
I02 Infrared Analysis					
I0201E	Near Infrared Reflectivity(%)— First Color	1M	Instrument	2000	
I0202E	Near Infrared Reflectivity (%)— Each Additional Color More than One, Surcharge	1yd	Instrument	1000	
I03 IR Spectrum					
I0301E	IR Spectrum Analysis — Unknown	0.5yd	FTIR	3000	
I0302E	IR Spectrum Analysis — known	0.5yd	FTIR	1500	
I0303E	Additional Diagram, Surcharge			500	
I0304E	IR Spectrum Diagram Only	0.5yd	FTIR	1000	
I04 Odor Analysis					
I0401E	Deodor	1m	Detector Tube	4000	
I0402E	Odor	1m	6-Level Odor Strength Grading Method	2000	
I0403E	Solid Content	1m	Oven	500	
I05 Biocompatibility Test					
I0501E	Skin irritation test	400c m ² ; 15g	ISO 10993-10	28875	
I0502E	Skin sensitization(Maximization sensitization test)	900c m ² ; 30g	ISO 10993-10	57750	
I0503E	Skin sensitization(Closed patch sensitization test))	4000c m ² ; 120g	ISO 10993-10	84000	
I0504E	Tests for Cytotoxicity:in Vitro Methods	2000c m ² ; 40g	ISO 10993-5	26250	

No	Test Items	Sample Size	Test Methods	Price (NT \$)	Remark
I06 Special Test					
I0601E	Azo-Dye	0.5yd		2050	
I0602E	Chromium VI	0.5yd		1450	
I0603E	Heavy metals-10 elements	0.5yd		2850	
I0604E	Pesticides	0.5yd		4500	
I0605E	TBT	0.5yd		3200	
I0606E	DBT	0.5yd		3200	
I0607E	MBT	0.5yd		3200	
I0608E	Allergenous disperse dye	0.5yd		5500	
I0609E	Allergenous disperse dye	0.5yd		4000	
I0610E	Phthalates	0.5yd		6000	
I0611E	PCP	0.5yd		2500	
I0612E	TeCP	0.5yd		2500	
I0613E	PCB	0.5yd		5200	
I0614E	Chlorinated organic carriers	0.5yd		4850	
I0615E	Nickel	0.5yd		2550	
I0616E	Color fastness to saliva	0.5yd		690	
I0617E	Odor	0.5yd		600	

X 、Product Testing and Certification

J01 Performance Requirement of Disposal Protective Clothing

J0101E	Impact Water Penetration	3yds ; 3 Garment	CNS 14801 T4042-2004 ; AATCC 42-2000	800	
J0102E	Penertration of Synthetic Blood	0.5yd ; 1 Grament	ASTM F 1670-1998	2500	
J0103E	Penertration of Synthetic Blood	0.5yd ; 1 Grament	CNS 14799 T 4040-2004	3000	
J0104E	Penetration of Phi-X174 Bacteriophage	0.5yd ; 1 Grament	ASTM F 1671 -1997b	10000	
J0105E	Penetration of Phi-X174 Bacteriophage	0.5yd ; 1 Grament	CNS 14800 T 4041-2004	15000	
J0106E	Submicron Particle Protection Efficiency	0.5yd ; 1 Grament	CNS 14755 Z 2125	3000	

J02 Respirator and Medical Face Mask

J0201E	Resistance of Penetration by Synthetic Blood	negotiable	CNS 14776 ; ASTM F 1862	300 ; 540 ; 480/Per Sample	One;Two; Three Test Pressures with 10 samples; 15 % off for 11~50 samples, 20% off over 50 samples
J0202E	Differential Pressure	5 masks	Subcontract	5200	
J0203E	BFE	5 masks	Subcontract	15000	
J0204E	Breaking Strength of Elastic Strap of Face Masks	10masks	CNS 12915 L3233-1991	500	
J0205E	Flat	10masks	Protection Efficiency	3000	
J0206E	Cone Type	negotiable	Protection Efficiency	negotiable	
J0207E	Flat	10masks ; A4	CCl4,absorption capacity	5000	
J0208E	Cone Type	negotiable		negotiable	
J0209E	Nano or Photo-Catalysted Mask	A4	Klebsiella pneumoniae ; Staphylococcus aureus(AATCC100)	3000	Surcharge NT\$ 500 for Light Exposure

No	Test Items	Sample Size	Test Methods	Price (NT \$)	Remark
J03 CNS Mark Product Certification					
J0301E	Protection Efficiency, Inhalation Resistance, Exhalation Resistance	10 masks	CNS 14755 Z 2125	3000	
J0302E	Appearance (Construction)	15 masks	CNS 14755 Z 2125	500	
J0303E	Facial Fit	15 masks	CNS 14755 Z 2125	1000	
J0304E	Appearance (Material)	15 masks	CNS 14755 Z 2125	500	
J0305E	Hypersensitivity for Wearing	15 masks	CNS 14755 Z 2125	3000	
J0306E	Anti-corrosion of the metal	5 masks	CNS 14755 Z 2125	1500	
J0307E	Evaluation for Elastic Material	10 masks	CNS 14755 Z 2125	5600	
J0308E	Marking		CNS 14755 Z 2125	1000	
J0301E	User Manual		CNS 14755 Z 2125	500	
J0301E	All Test	40 masks	CNS 14755 Z 2125	19100	