



INSUMOS TEXTILES IGNÍFUGOS **by Rey**
PERÚ



Inherent FR fabrics Catalog

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General Information



Corporation Rey S.A. offers the market our Multiprotection IGNIS FR fabric line, manufactured with **LENZING FR / META-ARAMID / PARA-ARAMID / ANTISTATIC FIBER / MODACRYLIC fibers.**

This fiber blend also delivers breathability and optimized moisture management to keep the wearer comfortable and dry. These fabrics maintain an excellent appearance after laundering, with a low propensity to pilling; they provide comfort and flexibility, allowing professionals across various industries to move with ease in hazardous environments.

Each item is designed to meet the highest safety and performance standards. Our fabrics are ideal for use as a single layer or in multi-layer systems paired with other fabrics from our catalog, depending on the required level of protection.

Applications:

Lightweight fabric for manufacturing multi-hazard / multi-standard industrial protective clothing.

Protection *Inherent*

- Flash Fire.
- Arc Flash.
- Antistatic.
- Radiant Heat.
- Convective Heat.
- Contact Heat.

Protection *Additional*

- UV Radiation.
- Water and Oil Repellency.
- Insect-repellent.
- Molten Metal Splash.
- Chemical Splash Repellency.

Standards Compliance

- NFPA 70E
- NFPA 2112
- ASTM 1506
- ASTM F 1959/F1959M-ASTM D6413
- ASTM 1930 - 16
- CFR 1610 : 2008





KNIT fabric

General Characteristics

General Characteristics



The fabric is inherent flame-resistant (1. It resists ignition. 2. It does not allow the fire to spread through the textile). Upon exposure to open flames and prolonged radiant heat, it may ignite, but it will self-extinguish immediately.

**It complies with the NFPA 2112, 2022 Edition standard:
Flash Fire / Vertical Flame Resistance.**



RArc Flash Resistance:

An arc flash is a continuous, high-current electrical discharge that flows through an air gap between conductors. An arc flash is typically caused by a short circuit.

**It complies with the ASTM F1506,
standard for arc flash resistance.**

ATPV:

Indicates the amount of thermal energy that a flame-resistant fabric or garment system can withstand before there is a significant probability of a second- or third-degree skin burn occurring underneath the material. It is measured in calories per square centimeter (cal/cm²).

HAF:

Represents the percentage of incident energy blocked (Heat Attenuation Factor) by the tested material when subjected to an arc flash at a specific incident energy value.

Category Minimum arc flash protection (cal/cm²), per NFPA 70E standards:

PPE Category	Minimum Arc Rating (cal/cm2)
1	4
2	8
3	25
4	40

Fabric Packaging: Roll **Roll Length:** 65 yards (60 m ±5%)



IGNIS MoveGuard 220 Nomex Suede



Made with Nomex IIIA fibers (Nomex 462)

G1860

Brand Name	Fabric Code	Weight (oz/yd2)	Fabric Yield (yd/lb)	
IGNIS MoveGuard 220	G1860	6.5 oz/yd ² +5%	1.44 yd/lb +- 5%	

Fabric Layers	ATPV - cal/cm2	HAF	PPE Category	Fabric Width
1	5.9	68 %	1	62 in +- 5 %

AITEX EVALUATION CERTIFICATES **NOMEX IIIA SUEDE**

2023EP3402



Resumen de los resultados:
Summary of results:

ATPV	5,88 cal/cm²
HAF	67,47 %

TEJIDO ENSAYADO SEGÚN LA NORMA ASTM F1959/F1959M-22
FABRIC TESTED ACCORDING TO THE STANDARD ASTM F1959/F1959M-22
ARC RATING (ATPV)
5,9 cal/cm²

Nota
Remark

El ensayo fue realizado en: AITEX - Laboratorio de arco eléctrico abierto, situado en el Polígono Industrial Fuente del Jarro, C/ Ciudad de Gibraltar, 5 – 46988 Paterna (Valencia).
The test was carried out at: AITEX - Electric open arc laboratory, located at Polígono Industrial Fuente del Jarro, C/ Ciudad de Gibraltar, 5; 46988 – Paterna (Valencia)

Referencia / Reference	Descripción / Description
2023EP3402-S01_P1	Tela Gamuza Nomex G1860 d/lavar 3 ciclos

RESUMEN DE REQUISITOS / REQUIREMENT SUMMARY

ENSAYO ARCO ELÉCTRICO (ARCO ABIERTO) **ELECTRIC ARC TEST (OPEN ARC)**

REQUISITO SEGÚN NORMA ASTM F1959/F1959M-22
REQUIREMENT ACCORDING ASTM F1959/F1959M-22

Los valores de resultado del arco por debajo de 10 cal/cm² se redondearán a la 0.1 cal/cm² más cercana, y los valores de clasificación de arco por encima de 10 cal/cm² deberán ser redondeados a la 1 cal/cm² más cercana. / Arc rating values below 10 cal/cm² shall be reported to the nearest 0.1 cal/cm², and arc rating values above 10 cal/cm² shall be reported to the nearest 1 cal/cm².

Interpretación de los resultados según norma NFPA 70E Edición 2021 Tabla 130.7 (C) (16) – Equipo de Protección Individual (EPI) / Arc Flash PPE category according to standard NFPA70E Edition 2021 Table 130.7 (C) (16) - Personal Protective Equipment (PPE)

Categoría EPI PPE Category	Protección mínima frente al arco (cal/cm²) Minimum Arc Rating (cal/cm²)
1	4
2	8
3	25
4	40

CATEGORY 1 ATPV (1 LAYER) – 6.5 oz/yd²
(From 4 to 7.9 cal/cm²)



IGNIS
by Rey



Applications
Protective Garments

 **KNIT**
fabric



G1860

IGNIS MoveGuard 220
Nomex Suede





IGNIS SoftGuard 260 Soft Suede

Made with Lenzing fibers, Meta-Aramid,
Para-Aramid, and Antistatic fibers



G1870

Brand Name	Fabric Code	Weight (oz/yd ²)	Fabric Yield (yd/lb)
IGNIS SoftGuard 260	G1870	7.6 oz/yd ² +-5 %	1.2 yd/lb +- 5 %

Fabric Layers	ATPV (cal/cm ²)	PPE Category	Fabric Width
1	8.9	2	63 in +- 5 %

AITEX EVALUATION CERTIFICATES

LENZING FR + ARAMID SUEDED KNIT

2024BR0374



Resumen de los resultados: Summary of results:

ATPV 8,90 cal/cm²

TEJIDO ENSAYADO SEGÚN LA NORMA ASTM F1959/F1959M – 24b
FABRIC TESTED ACCORDING TO THE STANDARD ASTM F1959/F1959M – 24b

ARC RATING (ATPV)
8,9 cal/cm²

Nota Remark

El ensayo fue realizado en: AITEX - Laboratorio de arco eléctrico abierto, situado en el Polígono Industrial Fuente del Jarro, C/ Ciudad de Gibraltar, 5 – 46988 Paterna (Valencia).
The test was carried out at: AITEX - Electric open arc laboratory, located at Polígono Industrial Fuente del Jarro. C/ Ciudad de Gibraltar, 5; 46988 – Paterna (Valencia)

Referencia AITEX Reference by AITEX	Descripción Description	Referencia Cliente Reference by customer
2024BR0374-S01_P1	TEJIDO DESPUÉS DE 3 CICLOS DE LAVADO	REY-ULTRA MAX GAMUZA FR- (INHERENT) 260

RESUMEN DE REQUISITOS / REQUIREMENT SUMMARY

ENSAYO ARCO ELÉCTRICO (ARCO ABIERTO) ELECTRIC ARC TEST (OPEN ARC)

REQUISITO SEGÚN NORMA REQUIREMENT ACCORDING

Los valores de resultado del arco por debajo de 10 cal/cm² se redondearán a la 0.1 cal/cm² más cercana, y los valores de clasificación de arco por encima de 10 cal/cm² deberán ser redondeados a la 1 cal/cm² más cercana. / Arc rating values below 10 cal/cm² shall be reported to the nearest 0.1 cal/cm², and arc rating values above 10 cal/cm² shall be reported to the nearest 1 cal/cm².

Interpretación de los resultados según norma NFPA 70E Edición 2021 Tabla 130.7 (C) (16) – Equipo de Protección Individual (EPI) / Arc Flash PPE category according to standard NFPA70E Edition 2021 Table 130.7 (C) (16) - Personal Protective Equipment (PPE)

Categoría EPI PPE Category	Protección mínima frente al arco (cal/cm ²) Minimum Arc Rating (cal/cm ²)
1	4
2	8
3	25
4	40

CATEGORY 2 ATPV (1 LAYER)
7.7 oz/yd² – (From 8 to 25 cal/cm²)





IGNIS ModGuard 270 Modacrylic Suede

Made with Modacrylic, Meta-Aramid, Para-Aramid,
and Antistatic fibers.



G1880

Brand Name	Fabric Code	Weight (oz/yd ²)	Fabric Yield (yd/lb)
IGNIS ModGuard270	G1880	8.0 oz/yd ² +- 5 %	1.15 yd/lb +- 5 %

Fabric Layers	ATPV (cal/cm ²)	PPE Category	Fabric Width
1	9.5	2	63 in +- 5 %

KINECTRICS EVALUATION CERTIFICATES

MODACRYLIC + ARAMIDS SUEDE



DETERMINATION OF THE ARC RATING FOR CLOTHING MATERIALS

Requesting Agency:

Corporacion Rey
Av.Oscar R.Benavides 5991- Z.I. Parque Industrial y Comercio
Callao, Lima, Peru Callao 03

Test Standard: ASTM F1959/F1959M-24b**Test Report:** K-581632-2506P07-R00**Test Date:** August 18, 2025**Report Date:** September 15, 2025**Specimen Description:**

Reference Number (01) 6138000, Style G1870- REY, 8.3 oz/yd², 280 g/m² GAMUZA, 64% Modacrylico, 17% Meta aramida, 17% Para aramida, 2% Antiestica, LIGHT GREY

Results:

The Arc Rating of the system was determined as ATPV. Specimens showed discolouration and charring on the back side. The fabric does not have afterflame or melting and dripping following arc exposure. A summary of observations is given in Table 4-1, the measured incident energy and results are given in Table 5-1.

Arc rating: Arc Thermal Performance Value, ATPV = 9.5 Cal/cm²

Prepared by

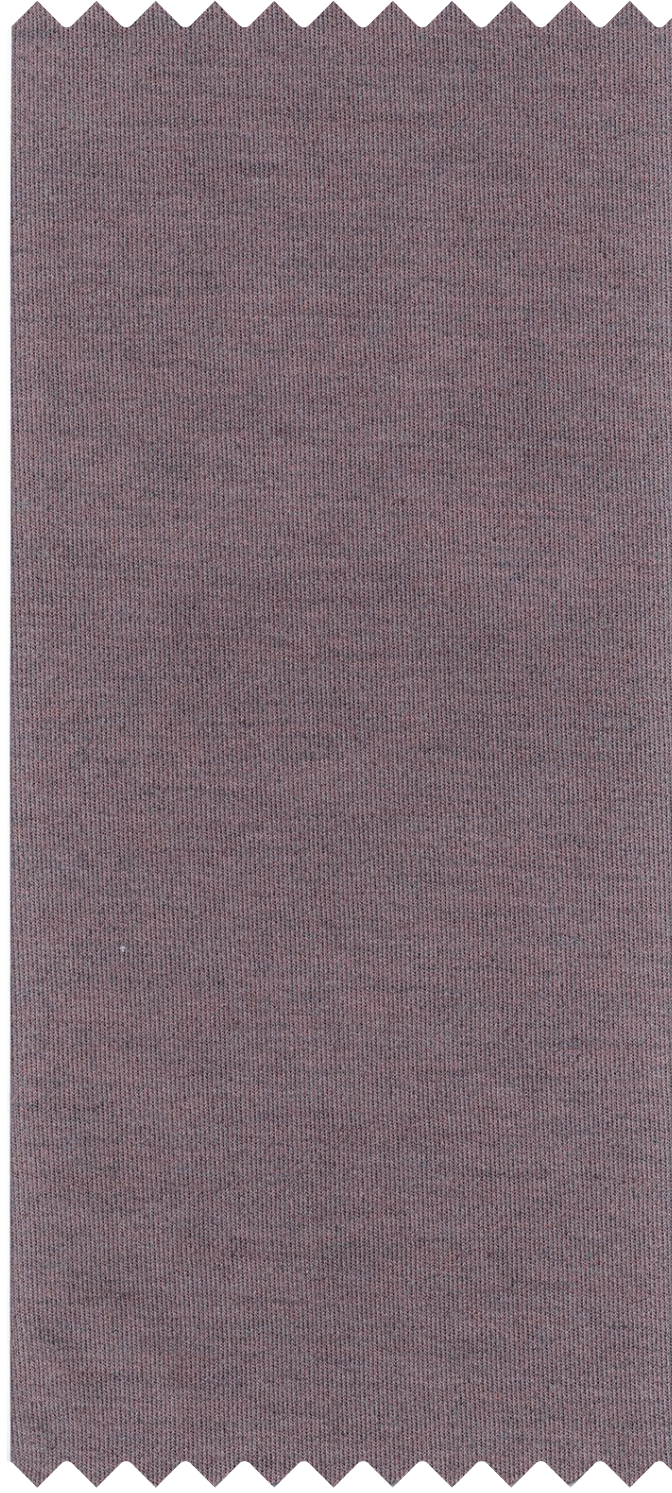
 MAURICE Claude
2025.09.15
16:27:28 -04'00'

Claude Maurice
Technical Specialist, HCL
TD Technologies, Kinectrics

Approved by

SHIELS  Digitally signed
by SHIELS Brian
Date: 2025.09.18
09:53:17 -04'00'

Brian Shiels
Service Line Manager
Arcwear, Kinectrics AES



Code: 6996

Name:
Ecru NX



Code: 6997

Name: Light Blue NX
Pantone 17-3917 TCX



Code: 7024

Name: Royal Blue NX
Pantone 19-4049 TCX



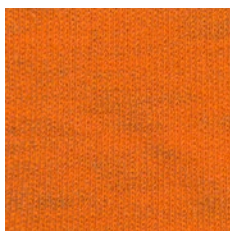
Code: 7051

Name: Light Grey NX
Pantone 16-3800 TCX



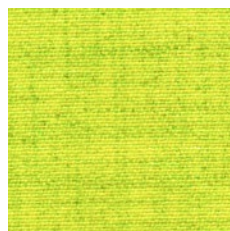
Code: 6989

Name: Orange NX
Pantone 16-1362 TCX



Code: 8998

Name:
Amarillo Neón NX



Code: 7030

Name: Sand NX
Pantone 15-1305 TCX



Code: 7047

Name:
Naranja Neón NX





woven FABRIC

General Characteristics

General Characteristics



The fabric is inherent flame-resistant (1. It resists ignition. 2. It does not allow the fire to spread through the textile). Upon exposure to open flames and prolonged radiant heat, it may ignite, but it will self-extinguish immediately.

**It complies with the NFPA 2112, 2022 Edition standard:
Flash Fire / Vertical Flame Resistance.**



RArc Flash Resistance:

An arc flash is a continuous, high-current electrical discharge that flows through an air gap between conductors. An arc flash is typically caused by a short circuit.

**It complies with the ASTM F1506,
standard for arc flash resistance.**

ATPV:

Indicates the amount of thermal energy that a flame-resistant fabric or garment system can withstand before there is a significant probability of a second- or third-degree skin burn occurring underneath the material. It is measured in calories per square centimeter (cal/cm²).

HAF:

Represents the percentage of incident energy blocked (Heat Attenuation Factor) by the tested material when subjected to an arc flash at a specific incident energy value.

Category Minimum arc flash protection (cal/cm²), per NFPA 70E standards:

PPE Category	Minimum Arc Rating (cal/cm2)
1	4
2	8
3	25
4	40

Fabric Packaging: Roll **Roll Length:** 87 yards



IGNIS ArmorSGR 250 Twill

Made with Lenzing FR, Meta-Aramid,
Para-Aramid, and Antistatic fibers.



S2100

Brand Name	Fabric Code	Weight (oz/yd ²)	Fabric Yield (yd/lb)
IGNIS Armor SGR 250	S2100	7.4 oz/yd ² +-5 %	1.26 yd/lb +-5 %

Fabric Layers	ATPV (cal/cm ²)	PPE Category	EBT	ELIM (cal/cm ²)	HAF	Fabric Width
1	9.20	2	NO BREAKOPEN	8.9	76.85 %	61 in +- 5 %

AITEX EVALUATION CERTIFICATES

LENZING FR + ARAMIDS TWILL WOVEN FABRIC

2024BR0306



Resumen de los resultados: Summary of results:

ATPV	9,20 cal/cm ²
HAF ⁽¹⁾	76,85 %
ELIM ⁽¹⁾	8,9 cal/cm ²

TEJIDO ENSAYADO SEGÚN LA NORMA ASTM F1959/F1959M – 24b FABRIC TESTED ACCORDING TO THE STANDARD ASTM F1959/F1959M – 24b
ARC RATING (ATPV)
9,2 cal/cm ²

⁽¹⁾According to the customer request, ELIM and HAF values have been reported even though they are not contemplated in the standard ASTM F1959/F1959M-24b.

Nota Remark

El ensayo fue realizado en: AITEX - Laboratorio de arco eléctrico abierto, situado en el Polígono Industrial Fuente del Jarro, C/ Ciudad de Gibraltar, 5 – 46988 Paterna (Valencia).
The test was carried out at: AITEX - Electric open arc laboratory, located at Polígono Industrial Fuente del Jarro, C/ Ciudad de Gibraltar, 5, 46988 – Paterna (Valencia)

Referencia AITEX Reference by AITEX	Descripción Description	Referencia Cliente Reference by customer
2024BR0306-S01_P1	TEJIDO DESPUÉS DE 3 CICLOS DE LAVADO	Rey - Tela Plana Casimir FR - ULTRA SOFT & ARC (Inherent) 250

RESUMEN DE REQUISITOS / REQUIREMENT SUMMARY

ENSAYO ARCO ELÉCTRICO (ARCO ABIERTO) ELECTRIC ARC TEST (OPEN ARC)

REQUISITO SEGÚN NORMA REQUIREMENT ACCORDING

Los valores de resultado del arco por debajo de 10 cal/cm² se redondearán a la 0.1 cal/cm² más cercana, y los valores de clasificación de arco por encima de 10 cal/cm² deberán ser redondeados a la 1 cal/cm² más cercana. / Arc rating values below 10 cal/cm² shall be reported to the nearest 0.1 cal/cm², and arc rating values above 10 cal/cm² shall be reported to the nearest 1 cal/cm².

Interpretación de los resultados según norma NFPA 70E Edición 2021 Tabla 130.7 (C) (16) – Equipo de Protección Individual (EPI) / Arc Flash PPE category according to standard NFPA70E Edition 2021 Table 130.7 (C) (16) - Personal Protective Equipment (PPE)

Categoría EPI PPE Category	Protección mínima frente al arco (cal/cm ²) Minimum Arc Rating (cal/cm ²)
1	4
2	8
3	25
4	40

CATEGORY 2 ATPV (1 LAYER)
7.4 oz/yd² - (From 8 to 25 cal/cm²)

 **woven
FABRIC**



S2100

**IGNIS ArmorSGR 250
Twill**





IGNIS ArmorSGR 300 Twill

Made with Lenzing FR, Meta-Aramid,
Para-Aramid, and Antistatic fibers



S2200

Brand Name	Fabric Code	Weight (oz/yd ²)	Fabric Yield (yd/lb)
IGNIS Armor SGR 300	S2200	8.8 oz/yd ² +-5 %	1.07 yd/lb +-5 %

Fabric Layers	ATPV (cal/cm ²)	PPE Category	Fabric Width
1	15.38	2	61 in +- 5 %

AITEX EVALUATION CERTIFICATES

TWILL FABRIC 300

2025EP3547



Resumen de los resultados:
Summary of results:

ATPV 15,38
cal/cm²

TEJIDO ENSAYADO SEGÚN LA NORMA ASTM F1959/F1959M – 24b
FABRIC TESTED ACCORDING TO THE STANDARD ASTM F1959/F1959M – 24b
ARC RATING (ATPV)
15 cal/cm²

Nota
Remark

El ensayo fue realizado en: AITEX - Laboratorio de arco eléctrico abierto, situado en el Polígono Industrial Fuente del Jarro, C/ Ciudad de Gibraltar, 5 – 46988 Paterna (Valencia).
The test was carried out at: AITEX - Electric open arc laboratory, located at Polígono Industrial Fuente del Jarro, C/ Ciudad de Gibraltar, 5; 46988 – Paterna (Valencia)

Referencia AITEX Reference by AITEX	Descripción Description	Referencia Cliente Reference by customer
2025EP3547-S01_P1	TRAS 3 CICLOS DE LAVADO	Rey – KING ARMOR FR - (Inherent)300

RESUMEN DE REQUISITOS / REQUIREMENT SUMMARY

ENSAYO ARCO ELÉCTRICO (ARCO ABIERTO) ELECTRIC ARC TEST (OPEN ARC)

REQUISITO SEGÚN NORMA REQUIREMENT ACCORDING

Los valores de resultado del arco por debajo de 10 cal/cm² se redondearán a la 0.1 cal/cm² más cercana, y los valores de clasificación de arco por encima de 10 cal/cm² deberán ser redondeados a la 1 cal/cm² más cercana. / Arc rating values below 10 cal/cm² shall be reported to the nearest 0.1 cal/cm², and arc rating values above 10 cal/cm² shall be reported to the nearest 1 cal/cm².

Interpretación de los resultados según norma NFPA 70E Edición 2024 Tabla 130.7 (C) (16) – Equipo de Protección Individual (EPI) / Arc Flash PPE category according to standard NFPA70E Edition 2024 Table 130.7 (C) (16) - Personal Protective Equipment (PPE)

Categoría EPI PPE Category	Protección mínima frente al arco (cal/cm ²) Minimum Arc Rating (cal/cm ²)
1	4
2	8
3	25
4	40

CATEGORY 2 ATPV
1 LAYER – TWILL CATEGORY 2 – 8.8 oz/yd²





IGNIS ShieldTAF 160 Taffeta

Made with Lenzing FR, Meta-Aramid,
Para-Aramid, and Antistatic fibers



T2300

Brand Name	Fabric Code	Weight (oz/yd ²)	Fabric Yield (yd/lb)
PLAIN WEAVE TAFFETA 1X1	T2300	4.7 oz/yd ²) +- 5%	2.04 yd/lb +- 5%

Fabric Layers	ATPV - cal/cm ²	PPE Category	ELIM cal/cm ²	Fabric Width
1	6.64	1	5.4	61 in +- 5 %

AITEX EVALUATION CERTIFICATES

LENZING FR + ARAMIDS TAFFETA WOVEN FABRIC

2024BR0177



Resumen de los resultados:
Summary of results:

E_{BT50}	16,04 cal/cm ²
ATPV	6,64 cal/cm ²
HAF⁽¹⁾	73,20 %
ELIM⁽¹⁾	5,40 cal/cm ²

TEJIDO ENSAYADO SEGÚN LA NORMA ASTM F1959/F1959M – 24b
FABRIC TESTED ACCORDING TO THE STANDARD ASTM F1959/F1959M – 24b

ARC RATING (ATPV)

6,6 cal/cm²

⁽¹⁾According to the customer request, ELIM and HAF values have been reported even though they are not contemplated in the standard ASTM F1959/F1959M-24b.

Nota
Remark

El ensayo fue realizado en: AITEX - Laboratorio de arco eléctrico abierto, situado en el Polígono Industrial Fuente del Jarro, C/ Ciudad de Gibraltar, 5 – 46988 Paterna (Valencia).
The test was carried out at: AITEX - Electric open arc laboratory, located at Polígono Industrial Fuente del Jarro, C/ Ciudad de Gibraltar, 5; 46988 – Paterna (Valencia)

Referencia AITEX <i>Reference by AITEX</i>	Referencia Cliente <i>Reference by customer</i>
2024BR0177-S01_P1	TEJIDO DESPUÉS DE 3 CICLOS DE LAVADO

RESUMEN DE REQUISITOS / REQUIREMENT SUMMARY

ENSAYO ARCO ELÉCTRICO (ARCO ABIERTO) *ELECTRIC ARC TEST (OPEN ARC)*

REQUISITO SEGÚN NORMA
REQUIREMENT ACCORDING

Los valores de resultado del arco por debajo de 10 cal/cm² se redondearán a la 0.1 cal/cm² más cercana, y los valores de clasificación de arco por encima de 10 cal/cm² deberán ser redondeados a la 1 cal/cm² más cercana. / *Arc rating values below 10 cal/cm² shall be reported to the nearest 0.1 cal/cm², and arc rating values above 10 cal/cm² shall be reported to the nearest 1 cal/cm².*

Interpretación de los resultados según norma NFPA 70E Edición 2021 Tabla 130.7 (C) (16) – Equipo de Protección Individual (EPI) / *Arc Flash PPE category according to standard NFPA70E Edition 2021 Table 130.7 (C) (16) - Personal Protective Equipment (PPE)*

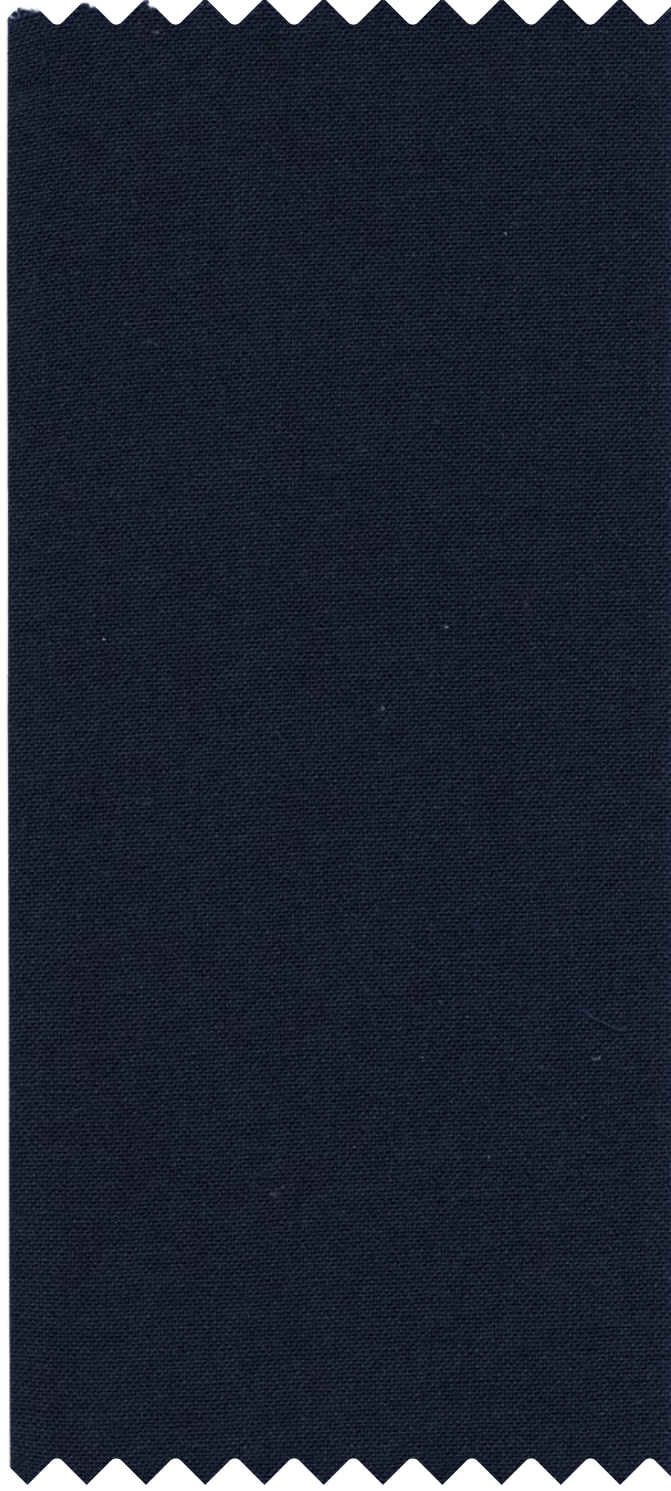
Categoría EPI <i>PPE Category</i>	Protección mínima frente al arco (cal/cm²) <i>Minimum Arc Rating (cal/cm²)</i>
1	4
2	8
3	25
4	40

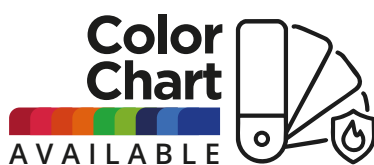
CATEGORY 1 ATPV (1 LAYER)
4.7 oz/yd² - (From 4 to 8 cal / cm²)



T2300

**IGNIS ShieldTAF 160
Taffeta**

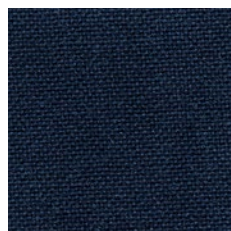




CODE: 004-32656
NAME: BEIGE
Pantone: 16-1105 TCX



CODE: 004-32008
NAME: AZUL MARINO
Pantone: 19-3927 TCX



CODE: 004-32564
NAME: ROJO
Pantone: 18-1661 TCX



CODE: 004-32567
NAME: CELESTE
Pantone: 18-3937 TCX



CODE: 004-32410
NAME: AMARILLO HIVIS
Pantone: 14-0340 TCX



CODE: 004-32569
NAME: AZULINO
Pantone: 16-1105 TCX





IGNIS for Double Layer Garments Twill + Taffeta

Made with Lenzing FR, Meta-Aramid,
Para-Aramid, and Antistatic fibers.

Fabric Layers	ATPV cal/cm2	PPE Category	EBT	ELIM cal/cm2	HAF %	Fabric Width
2 (TWILL + TAFFETA)	28.46	3	NO BREAKOPEN	18.2 Cal/cm2	90.84 Cal/cm2	61 in +- 5 %

AITEX EVALUATION CERTIFICATES

DOUBLE-LAYER GARMENT (TWILL + TAFFETA)

2024BR0305



Resumen de los resultados:
Summary of results:

ATPV	28,46 cal/cm ²
HAF	90,84 %
ELIM	18,2 cal/cm ²

TEJIDO ENSAYADO SEGÚN LA NORMA ASTM F1959/F1959M-24b
FABRIC TESTED ACCORDING TO THE STANDARD ASTM F1959/F1959M-24b

ARC RATING (ATPV)
28 cal/cm²

Nota

Remark

El ensayo fue realizado en: AITEX - Laboratorio de arco eléctrico abierto, situado en el Polígono Industrial Fuente del Jarro, C/ Ciudad de Gibraltar, 5 - 46988 Paterna (Valencia).
The test was carried out at: AITEX - Electric open arc laboratory, located at Polígono Industrial Fuente del Jarro. C/ Ciudad de Gibraltar, 5; 46988 - Paterna (Valencia)

Referencia AITEX <i>Reference by AITEX</i>	Descripción <i>Description</i>	Referencia Cliente <i>Reference by customer</i>
2024BR0305-S01_P3	ENSAMBLAJE DESPUÉS DE 3 CICLOS DE LAVADO	Rey -Tela Plana Doble Capa FR - ULTRA SOFT & ARC (Inherent) 250/160

RESUMEN DE REQUISITOS / REQUIREMENT SUMMARY

ENSAYO DE ARCO ELÉCTRICO (ARCO ABIERTO)
ELECTRIC ARC TEST (OPEN ARC)

REQUISITO SEGÚN NORMA ASTM F1959/F1959M-24b
REQUIREMENT ACCORDING ASTM F1959/F1959M-24b

Los valores de resultado del arco por debajo de 10 cal/cm² se redondearán a la 0.1 cal/cm² más cercana, y los valores de clasificación de arco por encima de 10 cal/cm² deberán ser redondeados a la 1 cal/cm² más cercana. /
Arc rating values below 10 cal/cm² shall be reported to the nearest 0.1 cal/cm², and arc rating values above 10 cal/cm² shall be reported to the nearest 1 cal/cm².

Interpretación de los resultados según norma NFPA 70E Edición 2021 Tabla 130.7 (C) (16) – Equipo de Protección Individual (EPI) / *Arc Flash PPE category according to standard NFPA70E Edition 2021 Table 130.7 (C) (16) - Personal Protective Equipment (PPE)*

Categoría EPI <i>PPE Category</i>	Protección mínima frente al arco (cal/cm ²) <i>Minimum Arc Rating (cal/cm²)</i>
1	4
2	8
3	25
4	40

CATEGORY 3 ATPvt

1 Layer: Category 1 Taffeta - 4.7 oz/yd²

1 Layer: Category 2 Twill - 7.4 oz/yd²

(From 25 to 40 cal/cm²)

Applications

Flame-Resistant Shirt



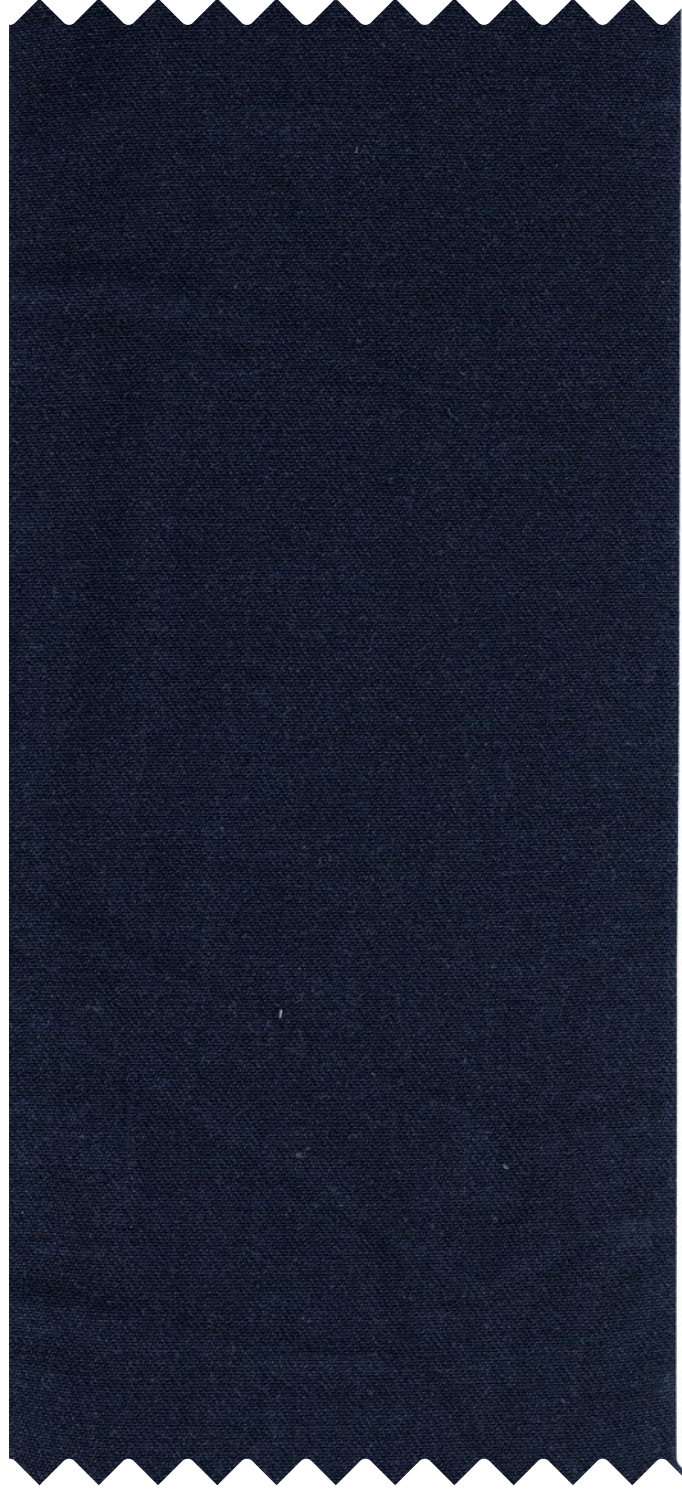
Applications

Flame-Resistant Shirt



Woven
Care
Label

IGNIS Double-Layer Garment Twill + Taffeta





Limited Liability / Disclaimer

- Corporación Rey S.A. shall not be held liable for potential injuries, or damage to individuals or objects protected by products manufactured with materials from its IGNIS safety line. These results also depend on the appropriate design, manufacturing, maintenance, and proper use of the corresponding garments or equipment.
- Corporación Rey S.A. guarantees that the raw materials used are sourced from internationally recognized, authorized manufacturers, and that the technical information provided corresponds directly to the data supplied by said manufacturers.

Multi-Risk Protection

- Fabrics with Multi-Risk (Multi-Hazard) properties are engineered to reduce the impact of personal injuries and, consequently, promote a faster recovery in the event of an accident. However, they cannot guarantee that the user will remain completely free from harm.
- It is essential that the design and construction of protective garments ensure that no part of the body is left directly exposed to the source of the hazard.



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