

COLLECTION: **GRANDIOSO**

DESIGN: **GIOIA**

BASIC INFORMATION

Brand	FR-One	Number of colour ways	10
Tariff item number	5407699000	MID	TWLIPEN162TAI
Country of origin	Taiwan	Characteristics	Dimout
Vertical repeat cm	Plain	Vertical repeat inch	Plain
Horizontal repeat cm	Plain	Horizontal repeat inch	Plain
Face in	Yes	Full roll diameter cm	17.5
Full roll diameter inch	6.89	Average piece length m	50
Minimum for special colour m	1000	Delivery time weeks special lab dip	2

CARE AND USAGE

Care code for washing °F

Washable at 105°F gentle cycle

Care codes



Care code for bleaching

Do not bleach

Use codes

Curtains
Accessories

Yes
Yes

Curtains and draperies
Maritime

Yes
Yes

ENVIRONMENTAL STANDARDS

ISO 14001

Environmental
Management



STANDARD
100
0611045
Centexbel

PFA-free

Yes

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FR STANDARDS

AATCC 96 Complies	Yes	ASNZS 1530.2 Pass	Yes
ASNZS 1530.3 Pass	Yes	British BS 5867 part 2 type B	Yes
British BS 5867 part 2 type C	Yes	American BFD IX 1	Yes
American CAL 19 section 1237.1	Yes	Canadian ULC S109 large flame	Yes
Canadian ULC S109 small flame	Yes	German B1 DIN 4102	Yes
European EN 13773	Yes	MVSS 302	Yes
IMO FTPC part 7 drapery	Yes	French NF P 92-503 507	M1
French NF P 92-504 507	M1	French NF P 92-505 507	M1
American NFPA 701 2010	Yes	NYNJ Port Authority - FAR 25.853 12 Pass	Yes
SN 198'898 Class 5.2	Yes	Italian UNI 9174 Classe Uno	Yes

FABRIC SPECIFICATIONS

Composition	100% Polyester	Average yarn number	70
Construction	146x29	Woven	Yes
Useable width cm	150	Useable width inch	59.06
Full width cm	152	Full width inch	59.8
Weight g/m ²	250	Light transmission	94%
Thickness mm	0.000	Colouring type	Piece dyed
Filament or staple	100% Filament	Textured or non textured	72% Textured, 28% Not Textured

Type of finish

Thermofixed	Yes
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Type of print or dye

Disperse	Yes
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Weaving type

Satin	Yes
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MECHANICAL PERFORMANCE

AATCC 96 - 165°F / 74°C - Complies	Yes	Colour fastness to light	5
Pilling	4-5	Brush pilling	4-5
Acoustic absorption ISO 354 - ISO 11654	draped C flat D		

Colour fastness to light - ISO 105-B02

Colour fastness to light	5
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Colour fastness to water - ISO 105-E01

Colour fastness to water	5
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Colour fastness to dry rub - ISO 105-X12

Colour fastness dry rub	4-5
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Colour fastness to wet rub - ISO 105-X12

Colour fastness wet rub	4-5
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Tearing strength - ISO 13937-3

Tearing strength warp N	36	Tearing strength weft N	41
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Tensile strength - ISO 13934-1

Tensile strength warp N/5cm	1600	Tensile strength weft N/5cm	1200
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Elongation - ISO 13934-1

Elongation warp %	35.5	Elongation weft %	37
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Dimensional stability (indicated in %) - ISO 3759

Dimensional change warp	-0.02	Dimensional change weft	0.00
Dimensional change warp after ironing without steam	0.00	Dimensional change weft after ironing without steam	0.07
Dimensional change warp after ironing with steam	-0.07	Dimensional change weft after ironing with steam	0.13

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WASHABILITY

Resistance to domestic washing 30° C, indicated in % - ISO 6330

Dimensional change warp	0.00	Dimensional change warp after ironing	0.00
Dimensional change weft	0.00	Dimensional change weft after ironing	0.00

Resistance to domestic washing 74°C, indicated in % - AATCC 96

Dimensional change warp	0.00	Dimensional change weft	0.00
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Resistance to dry cleaning P, indicated in % - ISO 105 D01

Dimensional change warp	-0.93	Dimensional change warp after ironing	-0.13
Dimensional change weft	-0.23	Dimensional change weft after ironing	-0.13
Colour fastness ISO 105 D01	4-5		

CONSTRUCTION

Yarn 1

Weft Composition	100% Polyester inherent FR	Weft Is Filament	Yes
Weft Is Not High Tenacity	Yes	Weft Is Textured	Yes
Weft Sizes	300d	Weft Textured	Yes
Weft Threads per cm	29	Weft TPM	NA

Yarn 2

Warp Composition	100% Polyester inherent FR	Warp Is Filament	Yes
Warp Is Not High Tenacity	Yes	Warp Sizes	75d
Warp Threads per cm	73	Warp TPM	NA

Yarn 3

Warp Composition	100% Polyester inherent FR	Warp Is Filament	Yes
Warp Is Not High Tenacity	Yes	Warp Is Textured	Yes
Warp Sizes	75d	Warp Textured	Yes
Warp Threads per cm	73	Warp TPM	NA

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|---|--|
|  <u>Gioia_European EN 13773</u> |  <u>Gioia_Italian UNI 9177 Classe Uno</u> |
|  <u>FROne_Sound absorption page</u> |  <u>Gioia_American Boston BFD IX_1</u> |
|  <u>Gioia_French NF P 92 503-507 (M1)</u> |  <u>Gioia_Australian New Zealand AS 1530 part 2</u> |
|  <u>Gioia_American FMVSS 302</u> |  <u>Gioia_American NFPA 701</u> |
|  <u>Gioia_American CAL 19</u> |  <u>Gioia_American New York Port Authority FAR Part 25 853 12 Second Vertical Test</u> |
|  <u>Gioia_British BS 5867 part 2 type C</u> |  <u>Gioia_Acoustic sound absorption measurement draped</u> |
|  <u>Gioia_German DIN 4102 B1</u> |  <u>Gioia_International Maritime Organisation 2010 FTP Code Fire test procedures Part 7</u> |
|  <u>Gioia_Acoustic sound absorption measurement flat</u> |  <u>Gioia_American Hospital washing standard AATCC96 Dimout</u> |
|  <u>Gioia_British BS 5867 part 2 type B</u> |  <u>Gioia_Australian New Zealand AS 1530 part 3</u> |
|  <u>Gioia_Taiwanese CNS 10285 L3196</u> |  <u>Gioia_Canadian CAN ULC S109</u> |
|  <u>Gioia_Swiss SNV 198898</u> | |