

COLLECTION: OBIS

DESIGN: OSMIC

BASIC INFORMATION

Brand	FR-One	Number of colour ways	12
Tariff item number	5407730000	MID	TRTEXTRABUR
Country of origin	Turkey	Characteristics	Jacquard
Vertical repeat cm	Plain	Vertical repeat inch	Plain
Horizontal repeat cm	Plain	Horizontal repeat inch	Plain
Face in	Yes	Full roll diameter cm	20
Full roll diameter inch	7.87	Average piece length m	40
Minimum for special colour m	500	Delivery time weeks special lab dip	4

CARE AND USAGE

Care code for washing °F

Washable at 160°F

Care codes



Care code for bleaching

Do not bleach

Use codes

Curtains	Yes	Curtains and draperies	Yes
Upholstery	Yes	Bed covering	Yes
Accessories	Yes	Maritime	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 117	Yes	American CAL 19 section 1237.1	Yes
German B1 DIN 4102	Yes	European EN 13773	Yes
MVSS 302	Yes	IMO FTPC part 8 upholstery	Yes
IMO FTPC part 7 drapery	Yes	Japanese L 1091	Yes
French NF P 92-503 507	M1	French NF P 92-504 507	M1
French NF P 92-505 507	M1	American NFPA 260	Yes
American NFPA 701 2010	Yes	NYNJ Port Authority - FAR 25.853 12 Pass	Yes
SN 198'898 Class 5.2	Yes		

FABRIC SPECIFICATIONS

Composition	100% Polyester	Average yarn number	17.71
Construction	33x29	Woven	Yes
Useable width cm	138	Useable width inch	54.33
Full width cm	140	Full width inch	55.12
Weight g/m ²	350	Thickness mm	0.730
Colouring type	Yarn dyed	Filament or staple	92% Filament, 8% Staple
Textured or non textured	88% Textured, 12% Not Textured		

Treatment

No treatment	Yes
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Type of finish

Sanforized	Yes	Thermofixed	Yes
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Type of print or dye

Disperse	Yes
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Weaving type

Dobby	Yes
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MECHANICAL PERFORMANCE

AATCC 96 - 165°F / 74°C - Complies	Yes	Martindale rubs	50,000
Colour fastness to light	6	Wyzenbeek double rubs	50,000
Pilling	4	Brush pilling	4
Wyzenbeek wire screen double rubs	15,000	Wyzenbeek cotton duck double rubs	50,000
Wyzenbeek cotton duck type heavy upholstery	Yes	Acoustic absorption ISO 354 - ISO 11654	C/D
Wyzenbeek wire screen heavy duty	Yes		

Colour fastness to light - ISO 105-B02

Colour fastness to light	6
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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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Colour fastness to wear - ISO 12947-2

Colour fastness to wear	4
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Tearing strength - ISO 13937-3

Tearing strength warp N	160	Tearing strength weft N	150
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Tensile strength - ISO 13934-1

Tensile strength warp N/5cm	2000	Tensile strength weft N/5cm	1800
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Seam slippage - ISO 13936-2

Seam slippage warp mm	3	Seam slippage weft mm	4
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Dimensional stability (indicated in %) - ISO 3759

Dimensional change warp	0.00	Dimensional change weft	-0.08
Dimensional change warp after ironing without steam	0.07	Dimensional change weft after ironing without steam	0.13
Dimensional change warp after ironing with steam	-0.20	Dimensional change weft after ironing with steam	-0.27

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WASHABILITY

Resistance to domestic washing 40° C, indicated in % - ISO 6330

Dimensional change warp	-1.22	Dimensional change warp after ironing	-1.71
Dimensional change weft	-0.46	Dimensional change weft after ironing	0.13
Colour fastness ISO 105 C06	5		

Resistance to domestic washing 60° C, indicated in % - ISO 6330

Dimensional change warp	-1.62	Dimensional change warp after ironing	-1.59
Dimensional change weft	-1.46	Dimensional change weft after ironing	-1.39
Colour fastness ISO 105 C06	5		

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	-1.19	Dimensional change warp after ironing	-1.33
Dimensional change weft	-1.30	Dimensional change weft after ironing	-1.33
Colour fastness ISO 105 D01	5		

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CONSTRUCTION

Yarn 1

Warp Composition	100% Polyester inherent FR	Warp Is Filament	Yes
Warp Is Not High Tenacity	Yes	Warp Is Textured	Yes
Warp Sizes	150D	Warp Textured	Yes
Warp Threads per cm	24.75	Warp TPM	372

Yarn 2

Weft Composition	100% Polyester inherent FR	Weft Is Filament	Yes
Weft Is Not High Tenacity	Yes	Weft Is Textured	Yes
Weft Sizes	1433D	Weft Textured	Yes
Weft Threads per cm	4.83	Weft TPM	0

Yarn 3

Warp Composition	100% Polyester inherent FR	Warp Is Filament	Yes
Warp Is Not High Tenacity	Yes	Warp Is Textured	Yes
Warp Sizes	1433D	Warp Textured	Yes
Warp Threads per cm	8.25	Warp TPM	0

Yarn 4

Weft Composition	100% Polyester inherent FR	Weft Is Filament	Yes
Weft Is Not High Tenacity	Yes	Weft Is Staple	Yes
Weft Is Textured	Yes	Weft Sizes	1666D
Weft Textured	Yes	Weft Threads per cm	2.42
Weft TPM	0		

Yarn 5

Weft Composition	100% Polyester inherent FR	Weft Is Not High Tenacity	Yes
Weft Is Textured	Yes	Weft Sizes	75D
Weft Textured	Yes	Weft Threads per cm	21.75
Weft TPM	0		

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DOWNLOADS / CERTIFICATES

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|  <u>Osmic American Boston BFD IX1</u> |  <u>Osmic International Maritime Organisation 2010 FTP Code - Fire test procedures Part 8</u> |
|  <u>Osmic Australian New Zealand AS 1530 part 3</u> |  <u>FROne Sound absorption page</u> |
|  <u>Osmic American CAL 19</u> |  <u>Osmic British BS 5867 part 2 type B</u> |
|  <u>Osmic American Hospital washing standard AATCC96</u> |  <u>Osmic International Maritime Organisation 2010 FTP Code - Fire test procedures Part 9</u> |
|  <u>Osmic Swiss SNV 198898</u> |  <u>Osmic American NFPA 701</u> |
|  <u>Osmic International Maritime Organisation 2010 FTP Code Fire test procedures Part 7</u> |  <u>Osmic French NF P 92 503507 M1</u> |
|  <u>Osmic American NFPA 255 ASTM E84</u> |  <u>Osmic German DIN 4102 B1</u> |
|  <u>Osmic European EN 13773</u> |  <u>OsmicAmerican CAL 117 SecE June 2013</u> |
|  <u>OsmicAmerican New York Port Authority FAR Part 25853 12 Second Vertical Test</u> |  <u>Osmic American FMVSS 302</u> |
|  <u>Osmic AustralianNew Zealand AS 1530 part 2</u> |  <u>Osmic British BS 5867 part 2 type C</u> |
|  <u>Osmic American NFPA 260 UFAC</u> |  <u>Osmic Italian UNI 9177 (Classe Uno)</u> |

