

COLLECTION: LUDO

DESIGN: LUDO

BASIC INFORMATION

Brand	FR-One	Number of colour ways	30
Tariff item number	5801360000	MID	TRKET40IST
Country of origin	Turkey	Characteristics	Chenille
Vertical repeat cm	Plain	Vertical repeat inch	Plain
Horizontal repeat cm	Plain	Horizontal repeat inch	Plain
Face in	Yes	Full roll diameter cm	35
Full roll diameter inch	13.78	Average piece length m	40
Minimum for special colour m	1000	Delivery time weeks special lab dip	4

CARE AND USAGE

Care code comments	also washable at 74°C /160F meeting American hospital washing standard AATCC96	Type of finish	Tumbling
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Care codes



Care code for bleaching

Do not bleach

Use codes

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
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 8 upholstery	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 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	17.88
Construction	66x10	Woven	Yes
Useable width cm	140	Useable width inch	55.12
Full width cm	142	Full width inch	55.91
Weight g/m ²	425	Thickness mm	1.122
Colouring type	Yarn dyed	Filament or staple	28% Filament, 72% Staple
Textured or non textured	28% Textured, 72% Not Textured	Finish type	Tumbling

Treatment

No treatment	Yes
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Type of print or dye

Disperse	Yes
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Weaving type

Plain	Yes	Pile	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	40,000
Pilling	4	Brush pilling	4-5
Wyzenbeek wire screen double rubs	15,000	Wyzenbeek cotton duck double rubs	40,000
Wyzenbeek cotton duck type heavy upholstery	Yes	Acoustic absorption ISO 354 - ISO 11654	draped C/ flat 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	25	Tearing strength weft N	50
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Tensile strength - ISO 13934-1

Tensile strength warp N/5cm	1500	Tensile strength weft N/5cm	390
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Elongation - ISO 13934-1

Elongation warp %	48	Elongation weft %	12.5
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Seam slippage - ISO 13936-2

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

Dimensional change warp	0.12	Dimensional change weft	0.08
Dimensional change warp after ironing without steam	0.13	Dimensional change weft after ironing without steam	-0.07
Dimensional change warp after ironing with steam	0.20	Dimensional change weft after ironing with steam	0.00

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WASHABILITY

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

Dimensional change warp	-0.89	Dimensional change warp after ironing	-0.79
Dimensional change weft	-1.52	Dimensional change weft after ironing	-1.59
Colour fastness ISO 105 C06	4-5		

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

Dimensional change warp	-2.35	Dimensional change warp after ironing	-1.95
Dimensional change weft	-2.22	Dimensional change weft after ironing	-1.98
Colour fastness ISO 105 C06	4-5		

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	-0.83	Dimensional change warp after ironing	-0.73
Dimensional change weft	-0.73	Dimensional change weft after ironing	-0.73
Colour fastness ISO 105 D01	5		

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	66	Warp TPM	NA

Yarn 2

Weft Composition	100% Polyester inherent FR	Weft Is Not High Tenacity	Yes
Weft Sizes	4NM	Weft Threads per cm	10
Weft TPM	NA		

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DOWNLOADS / CERTIFICATES

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|---|--|
|  <u>Ludo_American CAL 19</u> |  <u>Ludo_French NF P 92 503 507 M1</u> |
|  <u>Ludo_British BS 5867 part 2 type C</u> |  <u>FROne_Sound absorption page</u> |
|  <u>Ludo_Japanese JIS L1091</u> |  <u>Ludo_American Boston BFD IX1</u> |
|  <u>Ludo_European EN 13773</u> |  <u>Ludo_Swiss SNV 198898</u> |
|  <u>Ludo_International Maritime Organisation FTP Code Fire test procedures Part 7</u> |  <u>Ludo_American NFPA 701</u> |
|  <u>Ludo_International Maritime Organisation 2010 FTP Code Fire test procedures Part 8</u> |  <u>Ludo_American FMVSS 302</u> |
|  <u>Ludo_European EN 1021</u> |  <u>Ludo_Italian UNI 9177 Classe Uno</u> |
|  <u>Ludo_Taiwanese CNS 10285 L3196</u> |  <u>Ludo_Acoustic sound absorption measurement DRAPED</u> |
|  <u>Ludo_American CAL 117 SecE June 2013</u> |  <u>Ludo_American NFPA 255 - ASTM E84</u> |
|  <u>Ludo_German DIN 4102 B1</u> |  <u>Ludo_American Hospital washing standard AATCC96</u> |
|  <u>Ludo_Canadian CANULCS109</u> |  <u>Ludo_British BS7176 BS5852 crib 5</u> |
|  <u>Ludo_AustralianNew Zealand AS 1530 part 2</u> |  <u>Ludo_American New York Port Authority FAR Part 25 853 12 Second Vertical Test</u> |
|  <u>Ludo_American NFPA 260 UFAC</u> |  <u>Ludo_AustralianNew Zealand AS 1530 part 3</u> |

