

fire resistant

General Information



Composition

47% PES REC 24% PP REC 10% PES 10% MA
9% CO REC

Width

140 + 4cm

Weight

590 gr/m² ± 5 %
826 gr/lm ± 5 %

Custom code

UE: 5407.83.00
USA: 5407.83.00.90

Laboratory test number

IN-00826-2022

Specifications

Seam slippage resistance (mm)

Warp: 1,50
Weft: 2,00
EN ISO 13936/2:2004

Abrasion resistance (End point)

50.000 EN ISO 12947-2:2016

Abrasion resistance

(change of aspect: 3000 cycles)
4-5 EN ISO 12947/4:1998
and EN 14465:2003 (Annex A)

Pilling resistance

4-5 EN ISO 12945/2:2000

Lightfastness

5-6 EN ISO 105-B02:1998
and 105 B02/A01:2002

Colour fastness to rubbing

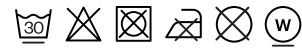
Dry: 4-5
Wet: 4-5
EN ISO 105-X12:2002

Notes:

Granit-Fr is woven with a bouclé yarn that creates a natural, irregular surface effect. Bouclé fabrics are generally more sensitive to wear effects than flat wovens, and with intensive or prolonged use may take on a more pronounced texture.

Care

Washing conditions



Soiling and cleanability

4 FORD FLTM BN 112-08:2005

Dimensional change domestic washing and drying (%)

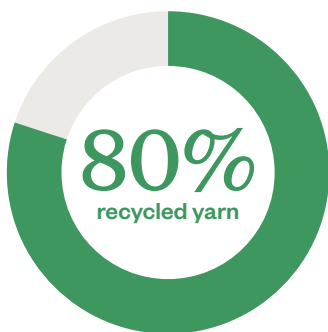
Warp: -3
Weft: -3
EN ISO 3759:2008, EN ISO 6330:2000
and EN ISO 5077:2008

When confectioning or washing the sofa cover with velcro please attach a protective cloth.

Ignitability

BS5852 Source 0	EN1021-Part 2:2006
EN1021-Part 1:2006	BS 7176 Low Hazard
CAL TB 117:2013	UNI 9175 Clase 3IM
NFPA 260:2013	
BS5852 Source 1	

Environmental considerations



47% GRS recycled PET bottles
24% Recycled PP
9% Recycled CO
10% PES
10% MA

Life cycle analysis

Cradle to gate assessment. From raw material extraction to finished fabric: resources, yarn production and dyeing, fabric weaving and finishing, waste recycling.

Carbon footprint

4,77 kg CO₂ eq / m
1,24% less since 2020

Water consumption

134,12 liters / m
0,23% less since 2020



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Escola Superior d'Enginyeries Industrial,
Aeroespacial i Audiovisual de Terrassa

Study realized in collaboration with UPC

Methodology:
Life Cycle Analysis. ISO 14040 standard.

Functional unit:
1 linear meters, 140 cm width.

Database:
Own data, Ecoinvent 3.6 database and published data.

Calculation methodology:
Aware V1.02
ReCiPe Midpoint (H) 2016 v1.04
ReCiPe Endpoint (H) 2016 v1.04
IPCC 2013 GWP 100a v1.03
Software: SimaPro 9.4.0.1

Designed and Crafted
in Terrassa (Barcelona)

