

fire resistant

General Information



Composition

81%PET REC 8%MA 7%PES 4%CO REC

Width

140 + 4cm

Weight

778 gr/m2 ± 5 %

1090 gr/lm ± 5 %

Custom code

UE: 5801.36.00

USA: 5801.36.00.20

Laboratory test number

IN-00390-2026-1

Specifications

Seam slippage resistance (mm)

Warp: 1,8

Weft: 1,8

EN ISO 13936/2:2004

Abrasion resistance (End point)

>100.000 EN ISO 12947-2:2016

Abrasion resistance

(change of aspect: 3000 cycles)

4 EN ISO 12947/4:1998

and EN 14465:2003 (Annex A)

Pilling resistance

4 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

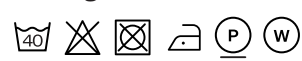
EN ISO 105-X12:2002

Notes:

This fabric 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 1:2006

CAL TB 117:2013

NFPA 260:2013

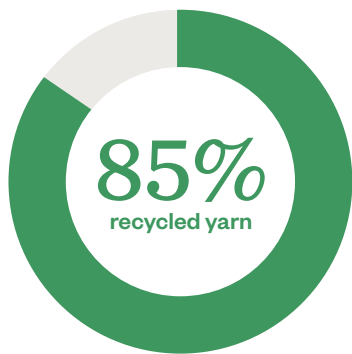
BS5852 Source 1

EN1021-Part 2:2006

BS 7176 Low Hazard

UNI 9175 Clase 3IM

Environmental considerations



81% GRS recycled PET bottles

4% Recycled CO

7% PES

8% 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

6,31 kg CO₂ eq / m

Water consumption

165,47 liters / m



UNIVERSITAT POLITÈCNICA DE CATALUNYA
BARCELONATECH

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)

