COFRA BORN TO WORK

# TECHNICAL SHEET

## OWERTON – *padded softshell jacket*



***Description***

- 1 chest pocket closed with zip,
- 2 lower pockets with zip,
- additional external zip pocket,
- 2 internal pockets,
- front coated zip,
- adjustable, detachable and padded hood with zip,
- arm ergonomic design,
- SOFTSHELL jacket with fleece internal part + reduced volume technical padding with high thermal insulation for excellent heat retention,
- flap protecting the chin,
- inner collar with soft and comfortable lining,
- elasticated windproof cuff,
- bielastic fabric with wind-protecting membrane,
- internal bottom zip,
- anthracite reflective inserts.

***Materials and technologies***

WINDPROOF BREATHABLE COFRAtex WINDPROOF | UNDETECTABLE | 2-WAY STRETCH | WATER RESISTANT TEXTILE | COLD PROTECTION EN 14058

***Maintenance***

Maximum wash temperature: 40°C ; Do not bleach; Do not dry in a tumble dryer; Drying in the shade; Do not iron; Do not dry clean.

| | |
|---|---|
| **Item** | V742-0-02 Navy<br>V742-0-04 Anthracite<br>V742-0-05 Black<br>V742-0-08 Green |
| **Standards:** | EN ISO 13688:2013/A1:2021<br>3 3 X X<br>EN 14058:2017+A1:2023<br>OEKO TEX® STANDARD 100 |
| **Sizes** | XS – 5XL |

## SAFETY TECHNICAL SPECIFICATIONS

| | *Test method* | **Description** | *Cofra result* | *Minimum requirement / range* |
|---|---|---|---|---|
| ***Background fabric*** | EN ISO 1833-1977, SECTION 10 | Composition: | 94% polyester 6% elastane + COFRA-TEX membrane + inner fleece 100% polyester | |
| | EN ISO 12127:1996 | Fabric mass per unit area | 320 g/m$^2$ | |
| | EN ISO 13688:2013/A1:2021 4.2 (ISO 3071) | The pH's determination from the watery extract | Oeko-Tex® | 3,5 ≤pH≤ 9,5 |
| | EN ISO 13688:2013/A1:2021 4.2 (EN 14362-1) | Search of the aromatic and carcinogenic amines | Oeko-Tex® | ≤30 ppm |
| | EN ISO 13688:2013/A1:2021 5.3 (EN ISO 6630 / ISO 5077) | Dimensional change (4N/40°C) | warp: -1.9%<br>weft: -0.8% | *±3%* |



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|---|---|---|---|---|---|
| | ISO 105-C06 | Colour fastness to Laundering at 40°C | | | *1 - 5* |
| | | *Colour change* | 4-5 | | |
| | | *Staining:* | | | |
| | | diacetate | 4 | | |
| | | cotton | 4-5 | | |
| | | nylon | 4-5 | | |
| | | polyester | 4-5 | | |
| | | acrylic | 4-5 | | |
| | | wool | 4-5 | | |
| | ISO 105 E04 | Colour fastness to perspiration | Acidic | Alkaline | |
| | | *Colour change* | 4-5 | 4-5 | *1 - 5* |
| | | *Staining:* | | | |
| | | diacetate | 4 | 4 | |
| | | cotton | 4-5 | 4-5 | |
| | | nylon | 4 | 4 | |
| | | polyester | 4-5 | 4-5 | |
| | | acrylic | 4-5 | 4-5 | |
| | | wool | 4-5 | 4-5 | |
| | EN ISO 13937-1 | Determination of tear force using ballistic pendulum method (Elmendorf) | warp: >63 N<br>weft: 27 N | | *≥12 N* |
| | EN ISO 4674-1 | Tearing strength from coated fabrics or laminates | warp: 100 N<br>weft: 67 N | | *25 N* |
| | EN ISO 1421 | Tensile strength | warp: 1149 N<br>weft: 546 N | | 450 N |
| | ISO 12947-2 | Determination of the abrasion resistance of fabrics by the Martindale | >70000 cycles | | |
| | EN 811 | Determination of resistance to water penetration. Hydrostatic pressure test | >8000 mm / $H_2O$ | | |
| | ASTM E96/E96M-16 | Water vapour permeability index [g/24h/m²] | 7527 g/24h/m² | | |
| | EN ISO 11092 | Water vapour resistance $R_{et}$ [m² Pa/W] | 20.7 | | |
| ***Padding*** | EN ISO 1833-1977, SECTION 10 | Composition: | 60% Sorona® AURA polyester – 40% polyester | | |
| | | Fabric mass per unit area | Body: 100 g/m²<br>Arms: 80 g/m² | | |
| ***Lining*** | | Composition: | 100% Polyester | | |
| ***OWERTON*** | EN 14058 :2017+A1:2023 4.2 (EN 11092) | Measurement of thermal resistance under steady-state conditions (fabric + padding + lining) | Class 3 | *Class 1 $0.06 \le R_{ct} < 0.12$*<br>*Class 2 $0.12 \le R_{ct} < 0.18$*<br>*Class 3 $0.18 \le R_{ct} < 0.25$*<br>*Class 4 $R_{ct} \ge 0.25$* | |
| | EN 14058 :2017+A1:2023 4.3 (EN ISO 9237) | Determination of air permeability of fabrics (fabric + padding + lining) | Class 3<br>AP = ND(< 0.1 mm/s) | *Class 1* 100< AP<br>*Class 2 5< AP ≤ 100*<br>*Class 3 AP≤* 5 | |
| | (EN ISO 13935-2) | Determination of maximum force to seam rupture using the grab method | 331 N | | *≥100 N* |



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