DATA SHEET | MODACRYL FR MULTIFUNCTIONAL HEADWEAR

DESCRIPTION

- Multifunctional tubular fabric made of Modacryl, FR Viscose and Antistatic Fiber.
- Ideal product for workers from chemical industry, petrochimical, military or police officers, which require protection from heat, flames and thermal hazards.
- Product resistant to fire and antistatic, certified as Personal Protective Equipment under the standards EN ISO 13688/13, EN 1149-5/08 and EN ISO 11612/15.
- Offers the possibility to apply custom and corporative colors, getting an exclusive product.
- Reflective band flame retardant can be applied in the design.

CERTIFICATIONS

Test Standars:	
Heat Resistance:	
According to EN ISO 11612/15	Pass
Limited Flame Spread:	
According to EN ISO 11612/15	A1
Convective heat:	
According to EN ISO 11612/15	B1
Radiant heat:	
According to EN ISO 11612/15	C1
Radiant heat:	
According to EN ISO 11612/15	F1
Antistatic:	
According to EN 1149-5/08	Pass

CE CAT II
EN ISO 13688/13

EN 1149-5/08

EN ISO 11612/15

A1,B1,C1,X, X, F1

KEY FEATURES:

MOISTURE MANAGEMENT | DRIES QUICKLY | MULTIFUNCTIONAL | FR | 100% SEAMLESS | ANTISTATIC

DIMENSIONS

FABRIC COMPOSITION

Material:	
MODACRYL	69%
FR VISCOSE	28%
ANTISTATIC FIBER	3%

Structure:
Single jersey

PACKAGING

FABRIC TESTS:

Properties:

Mass per unit area: EN 12127:1998	135,8 g/m² ±5%
Air permeability: EN ISO 9237:1996	1350 mm/s ±10%
Thermal Resistance (RCT): EN ISO 11092:2015	0,0194 m²K/W ±10%
Water Vapour Resistance (RET): EN ISO 11092:2015	1,99 m²Pa/W ±10%
Determination of dimensional change in domestic washing and drying: EN ISO 5077:2008 Washing procedure 3M (Ta=40 ±3ºC) according to ISO 6330:2012 Lengthwise ≤ 3% Crosswise ≤ 3%	
Resistance to pilling: (Martindale) EN ISO12945-2:2001 Scale from 1 to 5 in which 1 is “Very severe pilling” and 5 is “No pilling”.	2 - 7.000 cycles
Determination of the abrasion resistance of fabrics: EN ISO 12947-2:2016 Testing pressure: 12kPa Until the first yarn broken	>4.000 cycles
Fastness rates:	
Colour fastness to domestic and commercial laundering EN ISO 105-C06:2010	5
Colour fastness to perspiration (Alkaline & Acid): EN ISO 105-E04:2013	4-5
Colour fastness to rubbing (Dry & Wet) EN ISO 105-X12:2016	4-5
Colour fastness to sea water EN ISO 105-E02:2013	5
(Fastness rates in a scale from 1 to 5 in which 1 is “Poor behaviour” and 5 is “Good behaviour”.)	
Colour fastness to artificial light EN ISO 105-B02:2014	6-7
(Fastness to artifical light rates in a scale from 1 to 8 in which 1 is “Very poor” and 8 is “Excellent”.)	

*Coyote Brown color.