ARM SLEEVES ORANGE FLUOR

BUFF SAFETY

IDEAL FOR

· Protection from UV rays while doing high intensity outdoor jobs in warm and hot weather conditions.
· With HeiQ Smart Temp cooling technology for a better comfort and reduction of heat exhaustion, fatigue and heat stroke risks.

CERTIFICATIONS

Solid Orange Fluor:

CE CAT I
EN ISO 13688/13

UPF 50
SUN PROTECTION

SKIN PROTECTION AGAINST NATURAL ULTRAVIOLET RADIATION					
Property	Standard	Performance value	Protection category	% UV radiation blocked	Effective UVR penetration (%)
UPF	AS/NZS 4399:2017	50 UPF	Excellent	98 %	≤ 2.0

VISIBILITY

PROTECTIVE PROPERTIES AGAINST MINIMAL RISKS DUE TO LOW VISIBILITY.

This garment alone does not protect against this risk, as it does not reach a minimum surface for the user to be seen, but it helps increase visibility as long as the user also wears suitable protective clothing against this risk.

KEY FEATURES

UPF 50 — UPF 50
MOISTURE MANAGEMENT
QUICK DRY
ULTRA STRETCH — 4-WAY ULTRA STRETCH
SILICONE ADJUSTMENT
HEIQ SMART TEMP — COOLING EFFECT

DIMENSIONS

M
Upper arm fit circumference 26cm
Lower arm fit circumference 18cm
Outseam lenght 46cm
L
Upper Upper arm fit circumference 30cm
Lower arm fit circumference 20cm
Outseam lenght 48cm
XL
Upper Upper arm fit circumference 34cm
Lower arm fit circumference 22cm
Outseam lenght 50cm

FABRICS COMPOSITION

Fabric: 86% Polyester, 14% Elastane.
Elastic band: 83% Polyamide, 17% Elastane.

PACKAGING

WASHING MAINTENANCE SYMBOLS

FABRIC TEST:

ARM SLEEVE

Mass per unit area: EN 12127:1997	123 g/m^2	± 5 %
Air Permeability EN ISO 9237:1995	360 mm/s	± 10 %
Thermal Resistance (RCT): EN ISO 11092:2014	0,0041 m^{2}K/W	± 10 %
Water Vapour Resistance (RET): EN ISO 11092:2014	1,33 m^{2}Pa/W	± 10 %

Determination of breaking Strength and elongation:
EN ISO 13934-1:2013

AVERAGE LOAD		AVERAGE ELONGATION	
LENGTHWISE	308 N ± 10 %	LENGTHWISE	277% ± 10 %
CROSSWISE	174 N ± 10 %	CROSSWISE	376% ± 10 %

Bursting resistance: EN ISO 13938-1:2019	134,4 kPa	± 10 %

Determination of dimensional change in domestic washing and drying:
EN ISO 5077:2008

LENGTHWISE < ±3% CROSSWISE < ±3%
Washing procedure 4N (Ta=40 ±3ºC) according to ISO 6330:2012

Resistance to pilling: ISO 12945-2:2020	3 - 4	7000 CYCLES

Scale from 1 to 5 in which 1 is “Very severe pilling” and 5 is “No pilling”.

Determination of the abrasion resistance of fabrics: EN ISO 12947-2:2016 Testing pressure: 9 kPa	>100.000 CYCLES Until the first yarn broken	

Fastness rates:

Colour fastness to domestic and commercial laundering: EN ISO 105-C06:2010	3 *	
Colour fastness to perspiration (Alkaline & Acid): EN ISO 105-E04:2013	ALKALINE	4 *
	ACID	4 *
Colour fastness to rubbing (Dry & Wet): EN ISO 105-X12:2016	DRY	4 - 5 *
	WET	4 - 5 *
Colour fastness to sea water: EN ISO 105-E02:2013	4 *	
Colour fastness to artificial light: EN ISO 105-B02:2014 Method 2	5**	

* Fastness rates in a scale from 1 to 5 in which 1 is “Poor behaviour” and 5 is “Good behaviour”.

** Fastness to artifical light rates in a scale from 1 to 8 in which 1 is “Very poor” and 8 is “Excelent”

Enhanced Visibility		CHROMACITY COORDINATES		LUMINANCE FACTOR
CIE 15	ORANGE FLUOR	x = 0,5738	y = 0,3746	β = 0,4069

Ultraviolet Protection: AS/NZS 4399:2017	50+ Excellent protection

Tests used to determine **PROTECTIVE PROPERTIES AGAINST MINIMAL RISKS DUE TO LOW VISIBILITY** (only for Fluor and/or Reflective materials)