

BaseKnit 1913 carbon optimal

AERO®



EN61340-5-1:
ed.3:2017 CAT. II

SPECIFICATION

KNITTED FABRIC	The fine polyester/carbon knit is antistatic and conductive (specific resistance $R=3.9.10^6 \Omega$). The knit provides quality protection against electrostatic discharges. The fine knitted fabric reduces sweat, and can be washed.
UNDERLAY FINENESS	Fine 13
SIZES	S/6, M/7, L/8, XL/9
CHARACTERISTICS	Gloves which protect against impurities and are resistant to electrostatic discharges. Antistatic properties.
PROTECTION	Cutting and against electrostatic discharges
USE	Automotive industry, electronics and telecommunications, assembly, delicate work, assembly and handling of components sensitive to static electricity, laboratory work, electrostatic paints, delicate work, finishing works, work in the ESD area



TECHNICAL CERTIFICATE AND INSTRUCTIONS

EVALUATION (PALM SIDE)

Breathability	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Knitted fabric softness	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Wearing comfort level	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

MECHANICAL PROTECTION

Abrasion resistance (cycles)	<input type="checkbox"/> 100 <input type="checkbox"/> 500 <input type="checkbox"/> 2000 <input type="checkbox"/> 8000
Based on the number of cycles necessary to tear through a sample of the glove	
Resistance to cutting (index)	<input type="checkbox"/> 1,2 <input type="checkbox"/> 2,5 <input type="checkbox"/> 5,0 <input type="checkbox"/> 10,0 <input type="checkbox"/> 20,0
Based on the number of blade cycles necessary to cut through a sample at a constant speed	
Resistance to tearing (Newton)	<input type="checkbox"/> 10 <input type="checkbox"/> 25 <input type="checkbox"/> 50 <input type="checkbox"/> 75
Based on the force necessary to tear the sample	
Resistance to puncturing (Newton)	<input type="checkbox"/> 20 <input type="checkbox"/> 60 <input type="checkbox"/> 100 <input type="checkbox"/> 150
Based on the force necessary to puncture the sample with a standard-sized point	
Resistance to cutting (Newton)	<input type="checkbox"/> 2 <input type="checkbox"/> 5 <input type="checkbox"/> 10 <input type="checkbox"/> 15 <input type="checkbox"/> 22 <input type="checkbox"/> 30
TDM resistance to cutting according to EN 388:2016 ISO 13997	

INTERNAL ELECTRIC RESISTANCE









Resistance to internal electric resistance (Ohm): $0.47 \times 10^5 \Omega$

ESD

The gloves meet the requirements of EN 61340-5-1 „Electrostatics“. In general, this means that this product can be used in EPA areas when working with electrostatically sensitive material that has an ESD sensitivity of at least 100V. ESD protective materials are used in the design and manufacture of this product.

PARAMETER	MEASURING UNIT	DETECTED VALUE
R_{pp}	Ω	$7,0 \times 10^5$

PACKING DETAILS


Size	Carton size Carton volume Carton weight	Packaging of individual pair	Number of pairs in package	Number of pairs in carton	Barcode 1 pair	Barcode carton
S/6	46 x 25 x 33 cm 0.038 m ³ 5.7 kg	YES	12	240	 8 594182 288841	 8 594182 288858
M/7	46 x 25 x 33 cm 0.038 m ³ 5.9 kg	YES	12	240	 8 594182 288865	 8 594182 288872
L/8	46 x 25 x 33 cm 0.038 m ³ 6.3 kg	YES	12	240	 8 594182 288889	 8 594182 288896
XL/9	46 x 25 x 33 cm 0.038 m ³ 6.7 kg	YES	12	240	 8 594182 288902	 8 594182 288919


STORAGE

The products should be stored in dry and well-ventilated areas. Excessive air humidity, temperature or intensive light may affect quality of the gloves. The supplier bears no responsibility for damage incurred due to the afore-mentioned causes.

MANUFACTURER'S RECOMMENDATION

Use the gloves according to the assessed risks, in accordance with the appropriate norms. The content of the appropriate norms will be provided to you, on request, by an authorized distributor of the AERO and WORKSHOP brands.

 Sign of conformity with harmonised European CAT norms. II. Gloves for work and protection against medium risks, e.g. in the case of gloves for general handling, good protection against cutting, puncturing and abrasion must be subject to independent testing, and must be certified by an official body.

 The pictograms on the left indicate that the user must read the information leaflet (in every package) before using the gloves.