

 Antistat

Part of Ant Group Ltd

ESD CLOTHING & FOOTWEAR RANGE

ESD protection is extremely important when working in particular industries. For example when working with small electronic components tiny electric charges can all but destroy the delicate working parts. The carbon threads delicately woven into the garments discharge the static charge, ensuring the components remain undamaged. ESD Clothing discharges the energy through the carbon fibres woven into the garments. The ESD protective clothing you see here is of the highest standards, meeting relevant EN Standards and offering both comfort and protection.

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ESD Clothing & Footwear Range

THE IMPORTANCE OF ESD CLOTHING

Even if the measured voltage on a person is close to zero, some induced charge can exist on the body due to static charge on clothing. The selection of correct work apparel is therefore a very important factor and requires a reproducible test procedures for reliable evaluation. A suitable test method for evaluation of charge-dissipation performance on clothing is given in the draft version of EOS/ESD Standard No. 2.

GARMENT TESTING

The garment is charged by a high-voltage source and the voltage buildup is monitored by a high impedance voltmeter. After obtaining a defined potential, the garment is disconnected from the voltage source and grounded. The resultant voltage vs. time plot is used to evaluate static-drain performance, which is particularly critical for garments with one or more seams across the conductive path. The clothing must ensure galvanic contact to the wearer's skin; for safety reasons, the resistance of such work apparel should be at least 1M Ω.

ESD Long Sleeved Sweatshirt

FEATURES:

- Material: U1 (96% cotton + 4% carbon fibre)
- Also available in black, please call for more details

Stripe Distance	10 – 11mm
Surface Resistance	10 ⁸ – 10 ¹⁰ Ω
Weight	280g/m ²
Accreditation	Certified to EN61340-5-1



PRODUCT CODE:	DESCRIPTION:	SIZE:	ADDITIONAL NOTES:
108-7000	ESD Long Sleeved Sweatshirt	Small	Carton of 20
108-7001	ESD Long Sleeved Sweatshirt	Medium	Carton of 20
108-7002	ESD Long Sleeved Sweatshirt	Large	Carton of 10
108-7003	ESD Long Sleeved Sweatshirt	X Large	Carton of 10

ESD T-Shirt

FEATURES:

- Material: U1 (96% cotton + 4% carbon fibre)
- Green or Grey available on request (Subject to MOQ)

Stripe Distance	10 – 11mm
Surface Resistance	10 ⁸ – 10 ¹⁰ Ω
Weight	160g/m ²
Accreditation	Certified to EN61340-5-1



ESD T-Shirt

PRODUCT CODE:	DESCRIPTION:	SIZE:	ADDITIONAL NOTES:
108-8090	ESD T-Shirt (Mid-blue)	Small	Each
108-8091	ESD T-Shirt (Mid-blue)	Medium	Each
108-8092	ESD T-Shirt (Mid-blue)	Large	Each

ESD Poloshirt

FEATURES:

- ESD poloshirt, short sleeves, antistatic collar with 3 buttons, breast pocket
- Material composition: 96% cotton + 4% antistatic fibre
- Available in Navy, Mid Blue, and White (please refer to the website for the full range of product codes and colour ranges).
- MADE TO ORDER – Up to XXXL

Stripe Distance	10 – 11mm
Surface Resistance	10 ⁸ – 10 ¹⁰ Ω
Weight	170g/m ²
Accreditation	Certified to EN61340-5-1



PRODUCT CODE:	DESCRIPTION:	SIZE:	ADDITIONAL NOTES:
108-0319	ESD Poloshirt – Navy (with black collar)	Small	Each
108-0320	ESD Poloshirt – Navy (with black collar)	Medium	Each
108-0321	ESD Poloshirt – Navy (with black collar)	Large	Each
108-0322	ESD Poloshirt – Navy (with black collar)	X Large	Each
108-0341	ESD Poloshirt – White (with white collar)	Small	Each
108-0342	ESD Poloshirt – White (with white collar)	Medium	Each
108-0343	ESD Poloshirt – White (with white collar)	Large	Each
108-0344	ESD Poloshirt – White (with white collar)	X Large	Each

ESD High-Vis Waistcoat

FEATURES:

- Adjustable velcro fastening with reflective stripes in fluorescent yellow
- Material: M5 (98% polyester + 2% carbon fibre)

Grid Pattern	Antistatic fibre at 7x7mm
Surface Resistance	10 ⁷ Ω
Weight	120g/m ²
Accreditation	Certified to EN61340-5-1



PRODUCT CODE:	DESCRIPTION:	SIZE:	ADDITIONAL NOTES:
108-8030	ESD High-Vis Waistcoat	Standard	Each

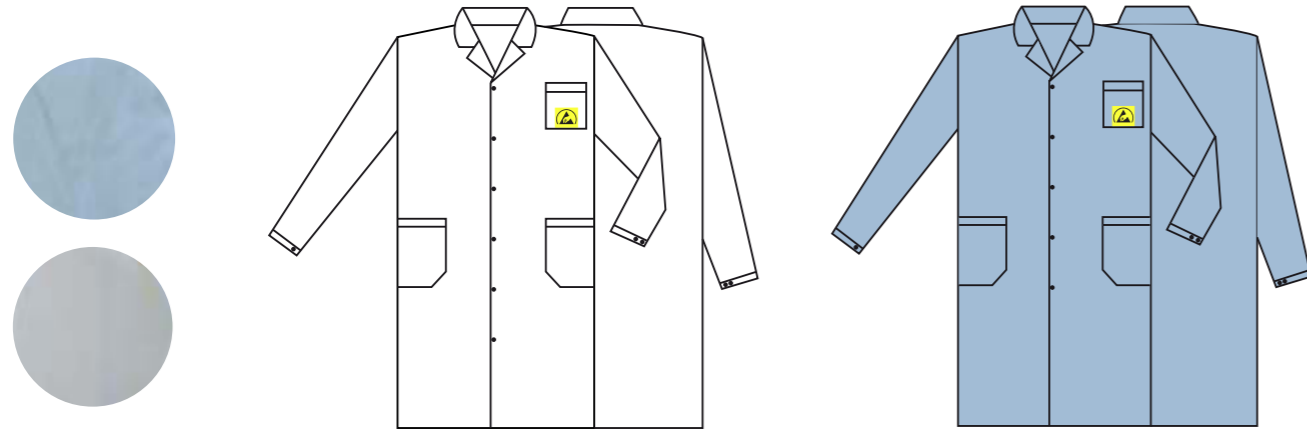


ESD Economy Lab Coat

FEATURES:

ESD Lab Coat made from lightweight and comfortable static dissipative material, machine washable up to 60°C.

- EPA symbol on the top pocket
- Press stud fastenings down the front of the lab coat
- 2 adjustable press stud closures on the sleeves



FABRIC TEST REPORT: (UNDER THE CONDITION OF TEMPERATURE 23C, RELATIVE HUMIDITY 58%)

Material	5 x 5mm ESD fabric grid: 34% cotton, 64% polyester + 2% ESD fibre
Gram Weight	120+/-5g/m ²
Surface Resistance	10 ⁶ – 10 ⁸ Ω
Static Decay Time	Below 0.17 sec
Air Permeability	125ccm ² / sec
Dust Proof	100%
Rub Pressure	Below 150V
Life	50 washes
Wash	30°C water

PRODUCT CODE:	DESCRIPTION:	SIZE:	ADDITIONAL NOTES:
108-7019	ESD Eco Lab Coat (Blue)	Small	Each
108-7020	ESD Eco Lab Coat (Blue)	Medium	Each
108-7021	ESD Eco Lab Coat (Blue)	Large	Each
108-7022	ESD Eco Lab Coat (Blue)	X Large	Each
108-7023	ESD Eco Lab Coat (Blue)	XX Large	Each
108-7015	ESD Eco Lab Coat (White)	Small	Each
108-7016	ESD Eco Lab Coat (White)	Medium	Each
108-7017	ESD Eco Lab Coat (White)	Large	Each
108-7006	ESD Eco Lab Coat (White)	X Large	Each
108-7018	ESD Eco Lab Coat (White)	XX Large	Each
108-7024	ESD Eco Lab Coat (White)	XXX Large	Each

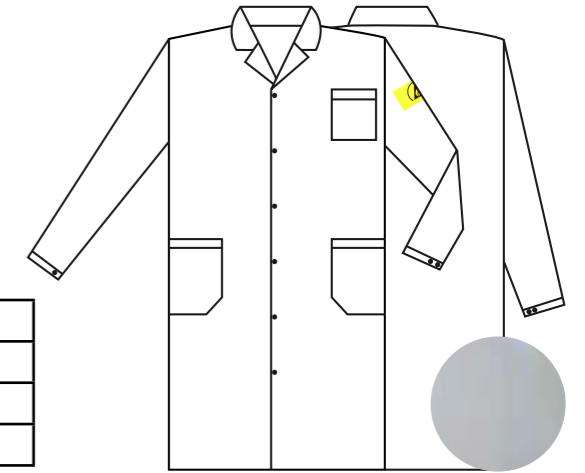
ESD Standard White Lab Coat

FEATURES:

An ESD Lab Coat made from lightweight and comfortable static dissipative material, machine washable up to 60°C.

- Material: E45 – 64% polyester, 33% cotton and 3% conductive filament
- ESD symbol on the left sleeve
- Press stud fastenings down the front of the lab coat
- 2 adjustable press stud closures on the sleeve
- Available up to XXXL upon request

Grid Pattern	Antistatic fibre at 4.5 x 4.5mm
Surface Resistance	10 ⁶ – 10 ⁸ Ω
Weight	145g/m ²
Accreditation	Certified to EN61340-5-1



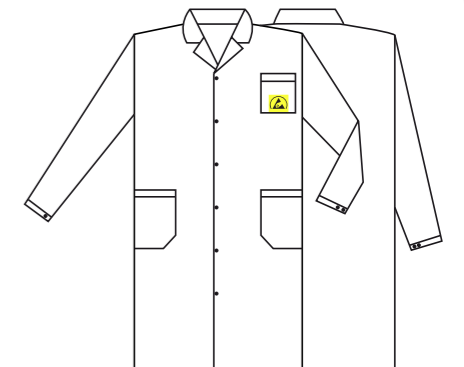
PRODUCT CODE:	DESCRIPTION:	SIZE:	ADDITIONAL NOTES:
108-3999	ESD Standard White Lab Coat	X Small	Each
108-4000	ESD Standard White Lab Coat	Small	Each
108-4001	ESD Standard White Lab Coat	Medium	Each
108-4002	ESD Standard White Lab Coat	Large	Each
108-4003	ESD Standard White Lab Coat	X Large	Each
108-4004	ESD Standard White Lab Coat	XX Large	Each

ESD Long Jacket

FEATURES:

A long ESD Jacket made from lightweight and comfortable static dissipative material, machine washable up to 60°C.

- Material: 64% polyester, 33% cotton and 3% conductive filament
- ESD symbol on the left sleeve (drawing for illustrative purposes)
- Press stud fastenings down the front of the lab coat
- 2 adjustable press stud closures on the sleeves



PRODUCT CODE:	DESCRIPTION:	SIZE:	ADDITIONAL NOTES:
108-6000	ESD White Long Jacket	Small	Each
108-6001	ESD White Long Jacket	Medium	Each
108-6002	ESD White Long Jacket	Large	Each
108-6003	ESD White Long Jacket	Extra Large	Each

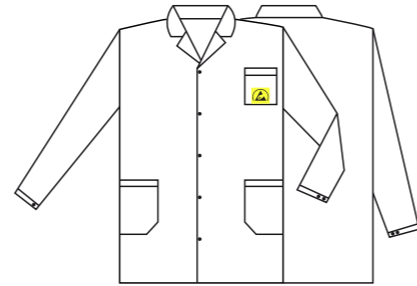


ESD Short Jacket

FEATURES:

A short ESD Jacket made from lightweight and comfortable static dissipative material, machine washable up to 60°C.

- Material: 64% polyester, 33% cotton and 3% conductive filament
- ESD symbol on the left sleeve (drawing for illustrative purposes)
- Press stud fastenings down the front of the lab coat
- 2 adjustable press stud closures on the sleeves



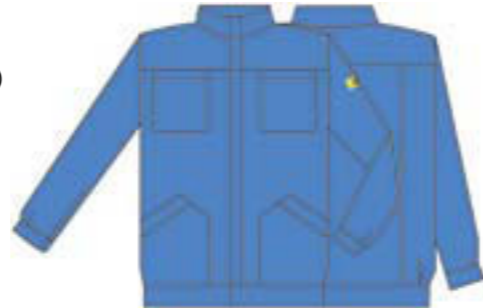
PRODUCT CODE:	DESCRIPTION:	SIZE:	ADDITIONAL NOTES:
108-5000	ESD White Short Jacket	Small	Each
108-5001	ESD White Short Jacket	Medium	Each
108-5002	ESD White Short Jacket	Large	Each
108-5003	ESD White Short Jacket	Extra Large	Each

ESD Padded Jacket

FEATURES:

ESD padded jacket, long sleeves, stand collar, 2x side pockets, 2x breast pockets

- Material: R1 (64% polyester + 33% cotton + 3% carbon fibre with combination of fabric M4 used for inner part (98% polyester + 2% carbon fibre))
- With knitted cuffs and collar, mid blue colour



Grid Pattern	Antistatic fibre at 10x10cm
Surface Resistance	10 ⁷ – 10 ⁹ Ω
Weight	210g/m ²
Accreditation	Certified to EN61340-5-1

PRODUCT CODE:	DESCRIPTION:	SIZE:	ADDITIONAL NOTES:
108-8040	ESD Padded Jacket	Medium	Each

ESD Padded Waistcoat

FEATURES:

- Spec as per the ESD Padded Jacket with extended backside
- Press stud fastening down the front of the waistcoat
- 2 breast pockets with zip-fasteners



PRODUCT CODE:	DESCRIPTION:	SIZE:	ADDITIONAL NOTES:
108-8070	ESD Padded Waistcoat – Mid Blue	Small	Each
108-8071	ESD Padded Waistcoat – Mid Blue	Medium	Each
108-8072	ESD Padded Waistcoat – Mid Blue	Large	Each

ESD Trousers

FEATURES:

- Adjustable elastic ribbon on the waist
- 2 x front pockets, 1 x rear pocket, middle blue colour
- With belt loops
- Mid Blue in colour
- Material: R1 (64% polyester + 33% cotton + 3% carbon fibre)



Grid Pattern	Antistatic fibre at 10x10mm
Surface Resistance	10 ⁷ – 10 ⁸ Ω
Weight	210g/m ²
Accreditation	Certified to EN61340-5-1

PRODUCT CODE:	DESCRIPTION:	SIZE:	ADDITIONAL NOTES:
108-8001	ESD Trousers	Small	Each
108-8002	ESD Trousers	Medium	Each
108-8003	ESD Trousers	Large	Each

Safety Lite ESD Shoes

Ergonomically designed safety shoes made from 'Action-Breathe' uppers, a high-tech S2 material. This alternative to leather is stronger, highly resistant, durable, waterproof and actually breathes.

FEATURES:

- The ergonomically designed foot shape provides room for feet to spread naturally
- High grade materials have been carefully selected to give an enhanced level of comfort
- Extra protection from the slip-resistant soles on slippery surfaces

SAFETY LITE CLOG STYLE ESD SHOE
03151 RANGE



PRODUCT CODE: FROM 107-0668

SAFETY LITE SLIP ON ESD SHOE
04160 RANGE

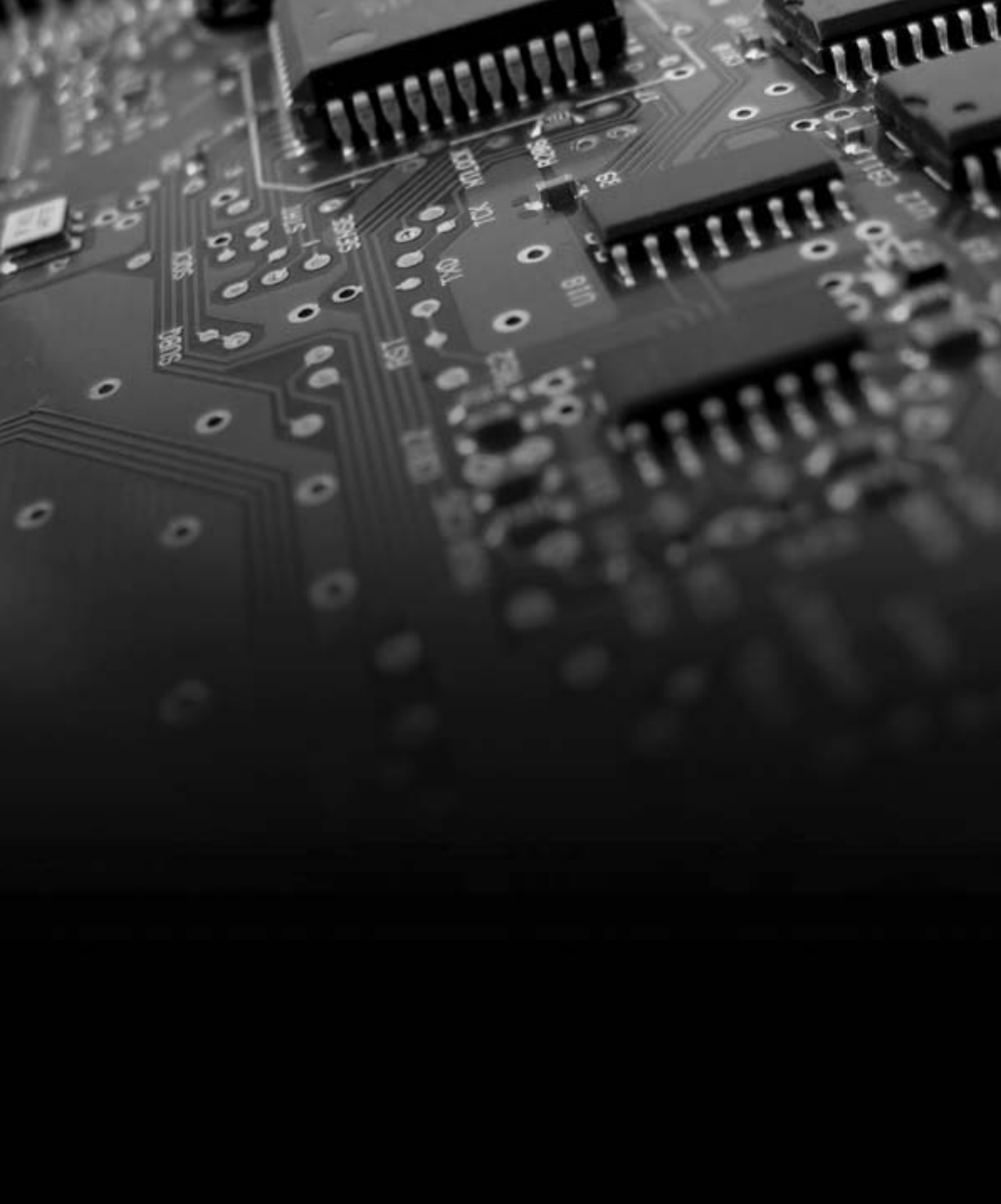


PRODUCT CODE: FROM 107-0410

SAFETY LITE LACE-UP ESD SHOE
04190 RANGE



PRODUCT CODE: FROM 107-0760



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