

P1 ECOFLEX Pro - TDS / TECHNICAL DATA SHEET



PRODUCT

P1-ECOFLEX Pro

PRODUCT CODE

P100

PRODUCT DESCRIPTION

13 Gauge Polyester black liner with black nitrile micro-foam coating

FEATURES AND BENEFITS

- * Micro-foam Nitrile coating offers 360° breathability.
- * Microfoam structure for superior grip in wet and dry conditions
- * Ultra-thin coating for higher sensitivity
- * Polyester liner for excellent dexterity
- * Seamless knitted liner for ultimate comfort and higher flexibility

APPLICATIONS

- * DIY work.
- * Automotive assembly.
- * Handling of small components.
- * Finishing and inspection.
- * Logistics and warehousing
- * Airport security and baggage handling
- * Construction, road, and rail road works

PRODUCT INFORMATION

Sizes Available	6, 7, 8, 9, 10, 11, 12
Liner Composition	Polyester-100%
Glove Composition	Liner-74%, coating-26%
Available Colors	The black coating on the grey liner
AQL	1.5

SAFETY CERTIFICATION



**EN 388:2016
+ A1:2018**



4X31A

Abrasion resistance - Level 4
Blade cut resistance - Level X
Tear resistance - Level 3
Puncture resistance - Level 1
TDM cut resistance - A

**EN 407
: 2020**



X1XXXX

CATEGORY

CAT 1

CAT 2

CAT 3

Level of performance for Material tested with EN ISO 13977

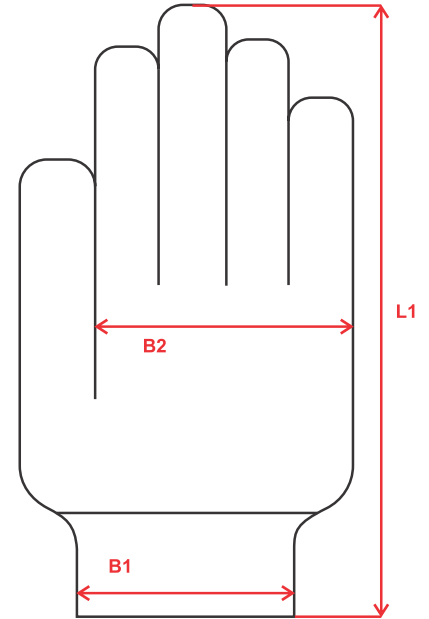
Cut rating	Level A	Level B	Level C	Level D	Level E	Level F
TDM Cut resistance (N)	2	5	10	15	22	30

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Sizing / glove parameters (dimensional sketch in the annex)

DPL SIZES			07	08	09	10	11
Total length	L1	±10 mm	230	240	255	260	265
Palm width	B2	±10 mm	90	95	103	108	115
Wrist width	B1	±5 mm	75	78	80	84	86



Quality Inspection System Definition of Defects

- **Critical defect (D1)**– corresponds to a defect that may present risks to the consumer, violate regulations or critical disconformities referring to the product. (Eg: Hole, Tear, SM, HM etc.)
- **Major defect (G2)**- Glove having performance failures, reduced product usability, or obvious flaws in appearance that may affect at the time of sale compared to grade 1 glove. (Eg: Glove Film Damage, GAB, etc.)
- **Minor defect (D2)**- Defects of Cosmetic level, when the fault does not significantly affect the aesthetics, usability or function of the product, and may not easily detectable to the end user. Classification is for the purpose of qualit

SAMPLING PLAN FOR QUALITY ASSURANCE

DEFECTS	INSPECTION LEVEL	AQL	STANDARD
Dimensions	S-2	4.0	ISO2859-1
Visual – Critical	G-1	1.5	ISO2859-1
Visual – Major	G-1	2.5	ISO2859-1
Visual – Minor	G-1	4.0	ISO2859-1
Packing Quality	S-3	4.0	ISO2859-1
Bar Code	S-3	4.0	ISO2859-1
Physical Properties	S-1	4.0	ASTM D 412