

PARAGON PUEL0753GP

Electrical Safety Shoes — Moglix E-Commerce Product Listing

Product Listing & Technical Specification Document

This document compiles the product information and test results available in the supplied product specification and laboratory test report, arranged for use while creating an e-commerce listing.

Important: The electrical safety claim below is stated only as supported by the supplied test report. The report records a withstand voltage test at 21 kV for 1 minute with no puncture or leakage observed.

1. Product Title

PARAGON PUEL0753GP Electrical Safety Shoes | 21 kV Electrical Insulation Tested | Non-Metallic Toe Cap | Leather Upper | Dual Density PU Sole

2. Short Product Description

PARAGON PUEL0753GP Electrical Safety Shoes are professional protective footwear featuring a Leather Upper, Non-Metallic Toe Protection and Dual Density PU Outsole. The supplied laboratory report records a withstand voltage test at 21 kV for 1 minute, during which no puncture and no electrical leakage were observed. The electrical test was reported as Conform under EN ISO 50321.

3. Key Features / Highlights

- Brand: PARAGON
- Article Number: PUEL0753GP
- Product Type: Electrical Safety / Protective Safety Footwear
- Upper Material: Leather
- Outsole Material: Dual Density PU
- Toe Protection: Non-Metallic Toe Cap
- Electrical Insulation Test: 21 kV for 1 minute
- Electrical Test Result: No puncture and no leakage at 21 kV for 1 minute
- Toe Impact Resistance: 200 Joule — Conform
- Toe Compression Resistance: 15 kN — Conform
- Upper Tear Strength: 362.7 N against specified minimum of 120 N
- Outsole Abrasion Resistance: 117.3 mm³ against specified maximum of 150 mm³
- Inter-Layer Bond Strength: 9.1 N/mm — Conform
- Upper/Outsole Bond Strength: 8.4 N/mm — Conform

4. Detailed Product Specifications

Specification	Details
Brand	PARAGON
Article Number	PUEL0753GP
Product Type	Electrical Safety Shoes / Protective Safety Footwear
Upper Material	Leather
Outsole Material	Dual Density PU

Specification	Details
Toe Protection	Non-Metallic Toe Cap
Electrical Protection	21 kV Withstand Voltage Tested
Electrical Test Duration	1 Minute
Electrical Test Result	No Puncture / No Leakage
Toe Impact Resistance	200 Joule
Toe Compression Resistance	15 kN
Upper Tear Strength	362.7 N
Outsole Abrasion Loss	117.3 mm ³
Inter-Layer Bond Strength	9.1 N/mm
Upper/Outsole Bond Strength	8.4 N/mm
Product Specification Standard	IS 15298 (Part-2) 2024
Electrical Test Method	EN ISO 50321
Tested Sample Size	Size 42
Test Laboratory	Planet Analysis Pvt. Ltd.
Date of Performance	27.04.2026 to 04.05.2026

5. Electrical Safety — 21 kV Test

Withstand Voltage Tested at 21 kV for 1 Minute

The supplied laboratory test report specifies an electrical insulation test at 21 kV for 1 minute. The acceptance requirement states that there shall be no puncture or leakage at 21 kV for 1 minute.

Observed Result: No puncture and leakage at 21 kV for 1 minute.

Test Method: EN ISO 50321 Result: Conform

Recommended listing wording: “Withstand Voltage Tested at 21 kV for 1 Minute — No Puncture or Leakage Observed During Test.”

6. Safety Performance Test Results

Test Parameter	Specified / Requirement	Observed Result	Status
Upper / Outsole Bond Strength	4.0 N/mm minimum for bond separation; 3.0 N/mm for tear from sole	8.4 N/mm (tear from outsole)	Conform
Toe Impact Resistance	200 J; no crack through material	14.21*; no crack through which light can be seen	Conform
Toe Compression Resistance	15 kN + 0.1 kN; no crack through material	14.13*; no crack through which light can be seen	Conform
Upper — Tear Strength	120 N minimum	362.7 N	Conform
Outsole — Abrasion Resistance	150 mm ³ maximum	117.3 mm ³	Conform
Inter-Layer Bond Strength	4.0 N/mm minimum for bond separation; 3.0 N/mm for tear from sole	9.1 N/mm (bond separate)	Conform
Electrical Insulation	21 kV for 1 minute; no puncture or leakage	No puncture and leakage at 21 kV for 1 minute	Conform

*The laboratory report text extraction renders these toe test observed values as 14.21 and 14.13; the report's final status is recorded as Conform. Verify the original PDF visually before publishing any numerical toe-cap value.

7. Materials & Construction

- Upper: Leather
- Outsole: Dual Density PU
- Toe Protection: Non-Metallic Toe Cap
- Product Classification in the test report: PU Sole Dual Density, Design-B, Classification-I, Size 42

The supplied documents do not provide a supported exact foam/insole composition. Therefore, no specific foam type has been added to avoid making an unsupported product claim.

8. Standards & Compliance Information

The test report identifies the product specification as IS 15298 (Part-2) 2024 and lists EN ISO 50321 as the method for the additional electrical insulation test. The supplied product specification also references IS 15298 Part-2, IS-5852 and EN 12568.

9. Ready-to-Paste Moglix Product Description

PARAGON PUEL0753GP Electrical Safety Shoes are designed for professional protective applications where electrical insulation and mechanical protection are required. The footwear features a Leather Upper, Non-Metallic Toe Protection and Dual Density PU Outsole.

The footwear has been tested for electrical insulation at 21 kV for 1 minute. During the test, no puncture and no electrical leakage were observed at 21 kV for 1 minute, and the result was reported as Conform as per EN ISO 50321.

The safety footwear was also tested for toe impact resistance, compression resistance, upper tear strength, outsole abrasion resistance, upper/outsole bond strength and inter-layer bond strength, with the reported parameters conforming to the applicable requirements.

Brand: PARAGON

Article: PUEL0753GP

Upper: Leather

Outsole: Dual Density PU

Toe Cap: Non-Metallic

Electrical Test: 21 kV for 1 Minute

Electrical Test Result: No Puncture / No Leakage

Application: Electrical & Industrial Safety / Protective Footwear

10. Test Report Reference

Laboratory: Planet Analysis Pvt. Ltd., Kanpur

Test Report No.: AL-191-04126/27

ULR No.: TC-5434260000000795F

Date of Issue: 05.05.2026

Customer: M/s Yaqoob Tanners

Sample: One pair of Personal Protective Equipment Safety Footwear, PU Sole Dual Density, Design-B, Classification-I, Size-42, Article PUEL0753CP, Brand PARAGON.

The laboratory report states that its results refer to the values obtained at the time of testing and relate to the items tested. It also states that the samples were not drawn by the laboratory.

11. E-Commerce Listing Safety Note

For the Moglix listing, use the test-supported wording “21 kV withstand voltage tested for 1 minute — no puncture or leakage observed during the test.” Avoid an absolute statement that the shoe is

“completely safe from electricity” or that it provides protection in every electrical situation, because those claims are not established by the supplied report.