

Technical Specification for Desert Boot

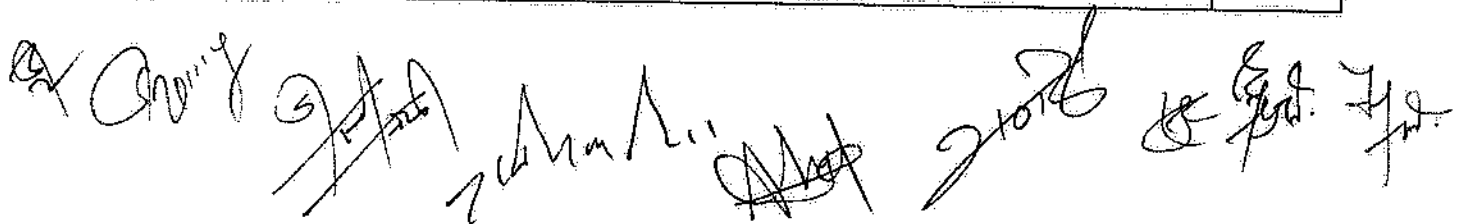
| S.N. | Parameters | | Specification | Remarks |
|------|---------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 1 | Upper Leather | Material | Suede Leather | |
| | | Thickness | 2mm± 0.2 mm | |
| | | Tear Strength | Minimum 20 N/mm | |
| | | Tensile Strength | Minimum 22 N/mm ² | |
| | | PH Value | Minimum 3.2 | |
| | | Colour Fastness on rubbing | Minimum 4 (Dry and Wet) | |
| 2 | Upper Fabric | Material | 100% Nylon laminated with non wicking felt | |
| | | Colour | Beige | |
| | | Property | High abrasion resistance | |
| | | Breathable GSM | 230± 10 | |
| | | With Felt GSM | 430± 10 | |
| | | Tearing Strength | Minimum 40 N/mm | |
| | | Abrasion Resistance | Minimum 90000 dry Cycles and 40000 wet cycles | |
| | | Water Repellency | Minimum 4 | |
| 3 | Toe Cap and Counter | Toe Cap Length | 55mm to 70mm (Vary according to size of shoe) | |
| | | Toe Cap Height | 2.5 cm ± 2mm | |
| | | Toe Cap and Counter Puff Material | Composite/Thermoplastic fibre board | |
| | | Counter Height | 55 mm to 70 mm (Vary according to size of shoe) | |
| | | Material | Suede Leather | |
| | | Tear Strength | Minimum 20 N/mm | |
| | | Tensile Strength | Minimum 22 N/mm ² | |
| | | PH Value | Minimum 3.2 | |
| | | Colour Fastness on rubbing | Minimum 4 (Dry and Wet) | |
| | | Thickness (Leather) | 2mm± 0.2 mm | |
| 4 | Outer Sole | Material | Double Density Polyurethane (Midsole and Out sole) | |
| | | Technology | Direct Injection and Molded | |
| | | Shock Absorbing heel (Energy Absorption) | Minimum 20J | |
| | | Features | Light, Weight, Antiskid, Antisliped, Fuel, Acid, Oil Resistant and Shock Absorber Oil Resistant. Size and Manufacturer name should be engraved/embroided in the sole, | |
| | | Slip Resistance | Coefficient of friction: Minimum 0.35 (wet) | |
| | | Oil Resistance | Maximum 12% increase in Volume | |
| | | Abrasion Resistance | Maximum 250 mm ³ | |
| | | Thickness (outer + Midsole) | Toe : 1.5 cm ± 1 mm Heel : 3 cm ± 1mm | |
| | | Flexing Resistance | Maximum 4 mm | |
| | | Heat Resistance | Minimum 110 degree celsius | |
| | | Tearing Strength | Minimum 8 N/mm | |
| | | Bonding between Upper and Sole | Minimum 4 N/mm | |
| 5 | Insole | Material | Bonded Synthetic Fibre board Texon | |
| | | Properties | Anti Static, Anti bacterial, Sweat Absorber | |
| | | Thickness | 2.5 mm ± 1mm | |
| | | Features | Strong bonding between Insole and Midsole | |

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| 6 | Insocks | Material | PU laminated with Beige Colour polyester Fabric |
| | | Features | Removable, Washable, Antifungal, Sweat absorber, anti bacterial |
| | | Thickness | 3 mm, tolerance $\pm 10\%$ |
| | | Fabric GSM | 170 ± 5 GSM |
| 7 | Tongue | Structure | PU Foam and Beige Nylon Fabric on both sandwiched together |
| | | PU foam | Density : 0.030 g/cm^3 to 0.035 g/cm^3 |
| | | Fabric GSM | 230 ± 5 GSM |
| | | Water Repellent | Minimum 4 |
| | | Tensile Strength | Minimum 25 N/mm^2 |
| | | Tear Strength | Minimum 35 N/mm |
| | | Water Repellancy | Minimum 4 |
| | | Colour Fastness to rubbing | Minimum 4 |
| | | Thickness | 7mm to 8 mm |
| Features | Stitched to the shaft of shoe upto 4th Eywlet from top The Shape of Tongue must be curved | | |
| 8 | Collar | Structure | Pu foam Padded in Nylon Fabric |
| | | Colour | Beige |
| | | Water Repellent: | Minimum 4 |
| | | Tensile Strength | Minimum 25 N/mm^2 |
| | | Tear Strength | Minimum 35 N/mm |
| | | Thickness | 7 to 8 mm |
| | | Water Repellancy | Minimum 4 |
| | | Colour Fastness to rubbing | Minimum 4 |
| Height of Collar | $15 \text{ mm} \pm 1 \text{ mm}$ | | |
| 9 | Lace | Material | Outer Nylon and inside cotton thread |
| | | Colour | Beige |
| | | Length | $160 \text{ cm} \pm 2 \text{ cm}$ |
| | | Shape | Round |
| | | Diameter | $5 \text{ mm} \pm 0.2 \text{ mm}$ |
| | | Tipping | Plastic, $15 \text{ mm} \pm 1 \text{ mm}$ |
| 10 | Eyelets | Material | Brass |
| | | Diameter of Eyelets | $10 \text{ mm} \pm 0.5$ |
| | | Number of Eyelets | 9 Pair |
| 11 | Size of shoe | From 4 to 12 with Medium and Large fitting in each of the Size | |
| 12 | Height of Boot | For Size 4 | $8 \frac{3}{5}'' \pm 2 \text{ mm}$ |
| | | For Size 5 | $8 \frac{4}{5}'' \pm 2 \text{ mm}$ |
| | | For Size 6 | $9'' \pm 2 \text{ mm}$ |
| | | For Size 7 | $9 \frac{1}{5}'' \pm 2 \text{ mm}$ |
| | | For Size 8 | $9 \frac{2}{5}'' \pm 2 \text{ mm}$ |
| | | For Size 9 | $9 \frac{3}{5}'' \pm 2 \text{ mm}$ |
| | | For Size 10 | $9 \frac{4}{5}'' \pm 2 \text{ mm}$ |
| | | For Size 11 | $10'' \pm 2 \text{ mm}$ |
| | | For Size 12 | $10 \frac{1}{5}'' \pm 2 \text{ mm}$ |
| 13 | Sewing Thread | Nylon Thread, 3 ply | |
| 14 | Colour of Boot | Beige | |
| 15 | Packing | The shoes should be delivered in new, Clean and dry condition in pairs suitably tied with laces | |
| | | Each Pair of shoe must in packed in Box with Silica gel inside. | |

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| | | | Each Box Should have a label printed Name and trade mark of Manufacturer, Date of Manufacture | |
| | | | Should provide Extra pair of Lace inside Pack | |
| 16 | Features | | All the stiches must be seam sealed by an appropriate sealent | |
| | | | Toe shape must be Round | |
| | | | Looks of Shoe must be attaractive | |
| | | | Shoe Must be Tackless | |
| | | | Brand of Shoe should be labled in tongue | |
| | | | Toe, Counter and Welt must be heat activated (No solvent, dissolve) Moulded. | |
| 17 | Test Requirement | Upper Leather and Toe Cap and Counter | Material | |
| | | | Thickness | |
| | | | Tear Strength | |
| | | | Tensile Strength | |
| | | | PH Value | |
| | | Upper Fabric | Colour Fastness on rubbing | |
| | | | Material | |
| | | | Breathable GSM | |
| | | | With Felt GSM | |
| | | | Tearing Strength | |
| | | | Colour Fastness to Rusistance | |
| | | | Abrasion Resistance | |
| | | Outer sole | Water Repellency | |
| | | | Slip Resistance | |
| | | | Oil Resistance | |
| | | | Abrasion Resistance | |
| | | | Bonding between Upper and Sole | |
| | | | Flexing Resistance | |
| | | | Heat Resistance | |
| | | Tongue and collar Fabric | Tearing Strength | |
| | | | Water Repellent | |
| Tensile Strength | | | | |
| Tear Strength | | | | |
| Thickness | | | | |
| Colour Fastness to Rubbing | | | | |
| 18 | Standard | | ISO or Equivalent | |
| 19 | Warranty | | Minimum 1 year or provided by OEM whichever is greater | |


 A collection of handwritten signatures and initials in black ink, including names like 'S. A.', 'Zahid', and others, some with dates like '21/07/2016'.