

Gladstone S1P

Product Reference : Gladstone
 EN ISO 20345: 2011 : S1P SRC
 Size : 36-47
 Weight Size 42 : 1180 gms approx



Model Description



Industry



Precautions & Maintenance



Component	Material used	Description	Measure Unit	Result	Requirement EN ISO 20345: 2011
Upper	Leather Water Reppellant Grey Thickness 1.9-2.0 mm	Water Vapour Permeability	Mg/cm2.h	1.9mg/cm2h	0.8Mg/cm2.h(MIN)
		Water Vapour Co-efficient	Mg/cm2.h	43.8 mg/cm2	15mg/cm2 (MIN)
		PH Value		6.2	3.20 MIN
		Chrome VI	mg/kg	Not detected	<3.0 mg/kg
Lining	Mesh Grey	Water Vapour Permeability	Mg/cm2.h	82.5mg/cm2h	0.8Mg/cm2.h(MIN)
		Water Vapour Co-efficient	Mg/cm2.h	660.3 mg/cm2+F11	15mg/cm2 (MIN)
Insocks	PU Moulded Full Insocks removable Antistatic Water Permeable	Dry	Cycles	No Hole	no hole develop before 25600 cycles
		Wet	Cycles	No Hole	no hole develop before 12800 cycles
Toe Cap	Fibre Glass Toe Cap Ultra Light Weight, non magnetic, Thermal insulating EN 112568 : 2010 withstand energy upto 200 J	Impact Resistant	mm	23.0	14.00 mm
		Compression	mm	19.5 mm	14.00 mm
Insole	Kevlar - Anti perforation textile Midsole. Lighter & more comfortable than the traditional steel mid sole. Flexible. 100% protection over the entire surface of the sole. 100% metal free and Zero Perforation, Antistatic EN IS 12568 : 2010	Nail Penetration Resistance	Newton	At 1100N, The tip of the test nail didn't penetartte through the test piece	At 1100N, The tip of the test nail didn't penetartte through the test piece
Outsole	3017 Antistatic Double Density Polyurathene with Direct Injection Process, PU from Huntsman Belgium, SRC Made on German Desma Machines	Abrasion Resistance	mm 3	35 mm 3	150 mm 3 Max
		Flexing	Cycles	No Significant cut growth was observed	4 mm (Max) cut Growth Till 30,000 cycles
		Hydrolysis	Cycles	No Significant cut growth was observed	6 mm (Max) Cut growth Till 150,000 cycles
		Interlayer Bond Strength	N/mm	4.0 N/mm	3.0* N/mm
		Resistant to Fuel Oil	%	0.40%	12% Max