

Technical data sheet with Mid sole

Ref : 16122 S3 COSMOS OVERCAP FLEX

CE Attestation N°:

Extension code :

Revision date : 28/01/2005

<u>THE SOLE</u>	MTS	Norm
Resistance to shock		
Clear space in mm at impact	15.00	>14
Resistance to crushing		
Clear space in mm under 15000N of constraint	15.50	>14
Conformity of the staples	Yes	Yes
Sole width in mm	6.00	>4
Staple height in mm	6.00	>2.5
Resistance of tearing in kN/m	9.30	>8
Resistance to abrasion : density	1.16	>0.9
Resistance to abrasion : loss of volume (mm ³)	61.00	<150
Hydrolysis (increase of the notch in mm after 150.000 flexions)	0.00	<6
Resistance to hydrocarbons (Increase in volume in %)	0.00	<12
Necessary force to perform the sole (N)	1500	>1100
Conformity of the sole	Yes	Yes
Conformity of the steel mid-sole dimensions	Yes	Yes
Antistatism : resistance to dry atm. (megaohms)	600	0.1<V<1000
Antistatism : resistance to humid atm. (megaohms)	60	0.1<V<1000
Heel shock absorber	30	>20
Resistance of the upper/sole adherence (N/mm)	5.40	>4
Slip resistance EN ISO 20345:A1 SRA Ceramic	0.52	>=0.32
Slip resistance EN ISO 20345:A1 SRB Steel	0.30	>=0.18

<u>THE UPPER</u>	MTS	Norm
Colour NOIR		
Thickness	2.0/2.2	1.5
Material used VPF Lama Noir		
Resistance to tearing	Yes	>120
Permeability to water vapor (mg/cm ² .h)	6.00	>0.8
Water vapor factor (mg/cm ²)	55.00	>15
Leather acidity (pH)	3.60	>3.2
Time or the water to pass through in minutes	180	60
Quantity of water absorbed in % after 1h	4.00	<30
Difference index	0.40	<0.7

<u>THE LINING OF THE FRONT PART</u>		
Material used	Non tissé aiguilleté blanc	
Thickness	1.1	0.8
Abrasion : testing in dry atmosphere	>25600	25600
Abrasion : testing in humid atmosphere	>12800	12800
Permeability to water vapor (mg/cm ² .h)	24	>2
Water vapor factor (mg/cm ²)	189	>20

<u>THE INSOLE</u>	2.8	2
insert Anti-perforation composite		
Water absorption in %	80	>35
Water desorption in %	96	>40
Cycles needed to obtain the tearing of the surface	>400	400

THE SEWING THREAD 100 % Polyamide

THE LACES 100 % Polyester - Embout en Acetate de Cellulose

Sole specification : Densité semelle confort 0.45

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Model specification : OVERCAP

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