

# Technical data sheet with Mid sole

Ref : 45810 S3 CURTIS FLEX

CE Attestation N°: 0075/020/161/03/13/0174

Extension code : 19/01/14

Revision date : 20/04/2009

<u>THE SOLE</u>			<u>THE UPPER</u>		
	MTS	Norm		MTS	Norm
Resistance to shock			<i>Colour</i> NOIR	<i>Thickness</i> 20/22	1.5
Clear space in mm at impact	14.00	>=14	Material used	Art corte hidro ras 2.0/2.2 negro	
Resistance to crushing			Resistance to tearing	Yes	>120
Clear space in mm under 15000N of constraint	19.50	>=14	Permeability to water vapor (mg/cm2.h)	4.70	>0.8
Conformity of the staples	Yes	Yes	Water vapor facor (mg/cm2)	48.50	>15
Sole width in mm	6.00	>4	Leather acidity (pH)	3.30	>3.2
Staple height in mm	3.00	>2	Time or the water to pass through in minutes	120	60
Resistance of tearing in kN/m	11.00	>8	Quantity of water absobed in % after 1h	5.00	<30
Resistance to abrasion : density	1.15	>0.9	Difference index	0.45	<0.7
Resistance to abrasion : loss of volume (mm3)	20.00	<150	<u>THE LINING OF THE FRONT PART</u>		
Hydrolysis (increase of the notch in mm after 150.000 flexions)	0.00	<6	Material used	Non tissé aiguilleté blanc	
Resistance to hydrocarbons (Increase in volume in %)	3.00	<12	Thickness	1.1	0.8
Necessary force to perfore the sole (N)	1200	>=1100	Abrasion : testing in dry atmosphere	>25600	25600
Conformity of the sole	Yes	Yes	Abrasion : testing in humid atmosphere	>12800	12800
Conformity of the mid-sole dimensions	Yes	Yes	Permeability to water vapor (mg/cm2.h)	24	>2
Antistatism : resistance to dry atm. (megaohms)	448	0.1<V<1000	Water vapor factor (mg/cm2)	189	>20
Antistatism : resistance to humid atm. (megaohms)	20	0.1<V<1000	<u>THE INSOLE</u>		
Heel shock absorber	37	>20		2.8	2
Resistance of the upper/sole adherence (N/mm)	5.30	>4	insert Anti-perforation composite		
Slip resistance EN ISO 20345:A1 SRA Ceramic	0.39	>=0.32	Water absorption in %	80	>35
Slip resistance EN ISO 20345:A1 SRB Steel	0.21	>=0.18	Water desorption in %	96	>40
			Cycles needed to obtain the tearing of the surface	>400	400
			<u>THE SEWING THREAD</u> 100 % Polyamide		
			<u>THE LACES</u> 100 % Polyester - Embout en Acetate de Cellulose		

## Sole specification :

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