



SATRA Technology Services (Dongguan) Ltd
Unit 110, Xinzhongyin Garden, Xiping
Nancheng District, Dongguan City
Guangdong Province, China
Tel: +86 (0) 769 22888020
email: info@satrafe.com



23671

TECHNICAL REPORT

Bared Trading Pty Ltd 15 Hamilton Street Oakleigh 3166 Australia	SATRA reference:	CHT2046327	
		2635	1
	Report ID/Issue number:	65861/1	
	Your reference:		
	Date samples received:	24/08/2026	
	Date(s) work carried out:	27/08/2026 to 27/08/2026	
	Date of report:	28/08/2026	

Testing Requirements

SATRA TM174: 2016 Abrasion resistance tests on one pair of outsoles. Style: TURNSTONE BLACK
-SOLUM SOLE.

For SATRA's full terms and conditions see our website: [Terms of business \[CN\] - SATRA](#)

For SATRA's statements regarding the confidentiality, publication and dissemination of this report, decision rules and UKAS accreditation please see the final page of this technical report.

Report Signed by:

Lily Li


Report Signatory

WORK REQUESTED

Samples described as one pair of outsoles. Style: TURNSTONE BLACK -SOLUM SOLE for testing in accordance with Abrasion resistance test as SATRA TM174: 2016.

SAMPLE SUBMITTED



TURNSTONE BLACK -SOLUM SOLE

TESTING REQUESTED

SATRA TM174: 2016 - Abrasion resistance test – Rotating drum method-Method 1

CONCLUSION

The samples described as one pair of outsoles. Style: TURNSTONE BLACK -SOLUM SOLE were found to pass the client's requirements of SATRA TM174: 2016.

Detailed results are included on the following page(s)

TEST RESULTS

TABLE 1: ABRASION RESISTANCE – ROTATING DRUM METHOD

Sample reference: TURNSTONE BLACK -SOLUM SOLE			
Test Method	Customer's requirement	Results	Comments
SATRA TM174:2016- Abrasion resistance – Rotating drum method -Method 1	No more than 200 mm ³ (skin on)	Density:1.162g/cm ³ Volume loss: Sample 1: 117mm ³ Sample 2: 123mm ³ Sample 3: 121mm ³ Average: 120mm ³	Pass

Test samples were conditioned at 23±2°C/50±4%RH for at least 24 hours prior to testing.

Conditions of Use

Confidentiality and Dissemination

SATRA test reports may be forwarded to other parties provided that they are not changed in any way and are not marked as confidential. Test reports must not be published, for example by including it in advertisements, without the prior, written permission of SATRA.

Liability

Results given in this report refer only to the samples submitted for analysis and tested by SATRA. Comments are for guidance only.

A satisfactory test report in no way implies that the product tested is approved by SATRA and no warranty is given as to the performance of the product tested. SATRA shall not be liable for any subsequent loss or damage incurred by the client as a result of information supplied in the report.

Accreditation

Where the UKAS logo is included on the test report then tests marked $\neq$ fall outside the UKAS Accreditation Schedule for SATRA. Where no UKAS logo is included on the test report then none of the tests reported are covered by SATRA's UKAS Accreditation.

Uncertainty of Measurement and Decision Rules

Where values for uncertainty of measurement are included within the report then the uncertainty of the corresponding results are based on a standard uncertainty multiplied by a coverage factor $k=2$, which provides a coverage probability of approximately 95%.

When reporting results against a conformance statement (Pass/Fail or the allocation of a class or level) then uncertainty of measurement is taken into account based on a non-binary acceptance which itself is based on the guard band being equal to the expanded uncertainty.

Where the result corrected for uncertainty falls within the tolerance of the conformance statement then the risk of the conformance statement being a false accept or false reject is up to 2.5% and SATRA will in this instance quote a Pass/Fail, class, or level.

Where the result corrected for uncertainty falls outside of the tolerance of the conformance statement then the risk of the conformance statement being a false accept or false reject is up to 50%. In this instance SATRA will not provide a Pass/Fail statement or a class or level but will include information in the notes in relation to the result obtained.

Where a report includes results provided by a subcontracted laboratory and the subcontract lab has provided raw data results and uncertainty values then SATRA will apply the decision rules above. Where Uncertainty values have not been provided by the subcontract lab then decision rules will not be applied and SATRA will include a note to this effect clearly indicating the affected results

Where a report contains SATRA guidelines values then uncertainty of measurement values have been taken into account when determining the guideline values and as such are not considered when determining pass/ fail criteria.
