

Firm: Dneteuropa
31 The Grange
NEWBRIDGE
County Kildare
Eire

CQ reference: 63348/05/MPE-Z

Date: 29th September 2005

Samples received: 16th September 2005

Attention of: Mr D Malcolm/Mrs M Malcolm

Testing completed: 29th September 2005

**ASSESSMENT TO EUROPEAN STANDARD
BSEN 344-1 1993 and SATRA Document M21**

Details of materials/footwear tested: A rubber overshoe for slip and tensile strength to EN344

Conditions of Issue:

This report may be forwarded to other parties concerned provided that it is not abbreviated or changed in any way. It must not be published, for example by including it in advertisements, without the prior, written permission of SATRA.

Results given in this report refer only to the samples submitted for analysis and tested by SATRA. Comments are for guidance only and are not part of the reported results. All comments and interpretations are outside the scope of UKAS accreditation and are based on current SATRA knowledge.

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.

This is a specification summary format, the accuracy of the results being unaffected. Units stated may differ from those indicated in the test method. Tests marked † are not UKAS accredited

Report signed by: Mark Burnett
Footwear Technologist
Footwear Technology - Testing
On behalf of SATRA Technology Centre Ltd

WHOLE SOLE SLIP RESISTANCE SATRA TM 144 1999			
Reference:		Overshoe	
Description:		Black thermoplastic rubber overshoe	
			Coefficient of friction
			Size 8UK (approximate)
Clay tiles	Forepart	Wet	0.74
		Dry	1.26
	Heel	Wet	0.64
		Dry	1.09
Stainless steel	Forepart	Wet	0.96
	Heel	Wet	0.83

The samples meet SATRA's minimum requirement of 0.4 for industrial footwear.

In any complaint involving slip the floor surface itself and other (non footwear) factors will have an important bearing on the performance of the footwear. It is impossible to make footwear resistant to slip under all conditions which may be encountered in wear. However, problems of slip should be minimised if the guideline friction coefficients are achieved.

Manufacturer/Supplier:		Safety Toes		SATRA Document M21(2004) Requirements for Toe Protection Overshoes
Trade Name/Reference:		Toe protectors size 8 UK (approximate)		
Type:		(Industrial)		
Test Method	Property			
SATRA TM 137 1995	Tensile Strength	Along	5.6	9 MPa
	Extension at Break (%)	Along	835	350%