

Lancashire Testing Services Ltd  
 Units 26 & 27  
 Lyon Road Industrial Estate  
 Kearsley  
 BOLTON  
 BL4 8NB



# Test Report

Lab Ref number:	LTS/16/00011-1
Date:	25/04/16
Sample submitted:	Aries Collection
Customer	Agua Fabrics Ltd
Colour:	Ocean
Substrate:	90% PVC, 10% Polyester
Test Required:	BS EN ISO 12947-2 and BS EN 14465:2003 assessment to 400000 rubs
Pre Treatment:	None requested
Use of Foam?	Foam used

**Abrasion Resistance:**

Standard: BS EN ISO 12947-2:1998 Determination of the abrasion resistance of fabrics by the Martindale method (conditioned specimens)

BS EN 14465:2003 Textiles: Upholstery fabrics – Specification and methods of test

Upholstery – Martindale Abrasion (12kPa Load)		Rh- 65%±2%, Temp 20°C±2°C
Sample	Results	Minimum Requirements (BS EN 14465:2003)
Fabric type - Non woven face	Change in shade @ 3000 revs = Grade 4/5	A = 35,000 Revs B = 12,000- 30,000 Revs C = 4000-10000 Revs
	Heads 1, 2, Aries @ 400,000 revs No breakdown observed (observation used with 8 x magnification aid)	
Overall result	400,000 Revs (all samples)	
Overall Performance level	A (all samples)	

Peter Collings

Operations Manager

**The results detailed relate only to the sample submitted and offer no guarantee for the batch or bulk of material produced. Please be advised that these results are only intended for advisory purposes as full test procedures may not have been used in their entirety.**