



## Performance Requirements Of Materials

The samples submitted were tested in accordance with clauses 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 4.10 & 5.2 of EN466 : 1995 and clauses B.2.6 & B.2.8 of EN943-1:2002.

**Precondition** : Citrikleen hand wash x 5

**Product Description** : Double Faced Bromobutyl Coated Polyester, Respirex Part No. A00027

**Description** : A double faced Polyester fabric with a coating of Bromobutyl on both sides.

**Textile** : The base Polyester has a mass of 85g/m<sup>2</sup>

**Coating Data** : The fabric is coated with a Bromobutyl based compound to ref B518/A.

Face : 120g/m<sup>2</sup> Olive

Back : 120g/m<sup>2</sup> Olive

Tested In Accordance With	Performance Requirement	Level Of Performance	Class
EN 530:1994 Meth 2 (inc. pressure drop)	Abrasion Resistance	>2000 Cycles	6
ISO 5978:1990	Stability to Heat	No Blocking	2
Method B of EN ISO 7854:1995 (inc. pressure drop)	Flex Cracking Resistance	Machine direction >100,000 Cycles Cross direction >40,000 Cycles	6 5
EN 863:1995	Puncture Resistance	70.4 N	3
ISO 4674:1977 method A1	Tear Resistance	Warp 97.0 N Weft 68.9 N	4 3
EN ISO 9073-4:1989	Trapezoidal Tear Resistance	Machine direction 46.5 N Cross direction 52.8 N	3
EN ISO 13934-1:1999	Tensile Strength	Machine direction 1048.3 N Cross direction 921.7 N	5
EN ISO 2411:2000	Coating Adhesion Srength	>549 N/m	3
EN 374-3:2003	Permeation Resistance when tested against 98% Sulphuric acid*	Mean breakthrough time 438 minutes	5
EN 1146:1997 clause 6.11.3	Flammability	No part ignited or continued to burn on removal from the flame	Pass
ISO 5082:1982 Annex A2	Seam Strength	>300 N	5

\*Respirex's in-house laboratory can provide permeation data against other chemicals if required.

Type approval by : **SGS United Kingdom Ltd**  
Weston-super-Mare BS22 6WA

Notified Body No. 0120