



## Performance Requirements Of Materials

The samples submitted were tested in accordance with clauses 4.4 to 4.12 of prEN943-1:1995 (excluding clause 4.7), clause B.2.8 of EN943-1:2002 and clauses 4.8 and 4.9 of EN 467:1995. The material has also been tested for surface resistivity according to EN1149-1:1995. Note: The textured side of the fabric was called the face.

**Product Description** : C2 PVC Coated Polyester (Vitapruf Poly-Plax 2.5 F/R), Respirex Part No. A00038

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

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

**Coating Data** : The PVC coating has a mass of 355g/m<sup>2</sup>

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	Face to Back Slight Blocking Back to Back Slight Blocking Face to Face No Blocking	1 1 2
Method B of ISO 7854:1995 (inc. pressure drop)	Flex Cracking Resistance	Machine direction >5,000 Cycles Cross direction >5,000 Cycles	3 3
ISO 9073-4:1989	Trapezoidal Tear resistance	Machine direction 47.7 Newtons Cross direction 44.4 Newtons	2 2
ISO 4674:1977 (method A1)	Tear Resistance	Machine Direction 43.2 Newtons Cross Direction 38.6 Newtons	3 2
ISO 2411:1991	Coating Adhesion Strength	Machine Direction ‡ 193.6 Newtons Cross Direction ‡ 212.6 Newtons	1 1
EN 863:1995	Puncture Resistance	55 Newtons	3
EN ISO 13934-1:1999	Tensile Strength	Length 949.4 Newtons Width 813.4 Newtons	5
EN 369:1992	Permeation Resistance when tested against 98% Sulphuric acid*	Mean breakthrough time 145 minutes	4
prEN 1103	Resistance to Ignition	Pass	-
EN 1149-1:1995	Surface Resistivity	3 x 10 <sup>10</sup> Ohms	Pass
ISO 5082:1982 Annex A2	Seam Strength	>300 Newtons	5

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

‡Directions as indicated on welded samples.

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

Notified Body No. 0120