

1. Description: 60 g/m² Medical Kraft Paper / 10 g/m² Grid Lacquer, low porosity, low peel strength

2. Application: Airborne Bacteria penetration resistant barrier of Type "C" Machine glazed Medical grade paper coated on the rougher side with a heat sealant. This sealant is suitable for welding to a UPVC or Polyethylene [including Vinyl Acetate modified] surface of a formed or flat second web. The resulting seal can be separated without rupture of the surface of the paper. The sealant is applied in an overall grid pattern to provide controlled porosity appropriate for gas sterilization. Also compatible with irradiation.

3. Main Physical Paper Properties:

	Units	Method	Typical Value
a. Basis weight	g/m ²	Measurex	60
b. Burst strength (dry)	kPa	ISO 2758	290
c. Burst strength (wet)	kPa	ISO 3689	60
d. Tear strength MD	mN	ISO 1974	390
e. Tear strength CD	mN	ISO 1974	430
f. Tensile strength MD	N/15mm	ISO 1924-2	100
g. Tensile strength CD	N/15mm	ISO 1924-2	55
h. Cobb test (60 s)	g/m ²	ISO 535	18
i. Bendtsen Porosity	ml/min	ISO 5636-3	185
j. Pore size	µm	EN 868-3(B)	11

4. Heat Seal Strength:

Method: Sealed at 115°C, 0.3 s and 3 bar to the polyethylene side of extrusion coated polyester/polyethylene (no slip additive) and separated on a tensile tester with 90° tail at 150 mm/min.
Typical Value: 90 cN/15mm wide seal average

5. Porosity of Coated Paper:

Method: Based on ISO 5636-3
Minimum Value: 25 ml/min

6. Coating Weight of Sealant:

Method: Measured by extraction in toluol solvent ensuring equal moisture content before and after extraction by equilibration for minimum 15 minutes before weighing samples.
Value: 10 g/m² ± 2 g/m²

7. Materials:

The raw materials used for the manufacture are all virgin materials and the source, history and traceability is known and controlled to ensure that the finished product consistently meets the requirements of EN 868-7. The pulp used is free from grit and untreated fragments of the original fibre source from which the pulp was prepared.

The paper is tested and certified to have a combined total concentration of less than 100 ppm in weight of Lead, Cadmium, Mercury and hexavalent Chromium.

The adhesive coating does not react with or contaminate other materials in contact with it before, during or after sterilization.

8. Previous Codes: L13.2F ; CP.xxxx.10x

N.B. when ordering this material, please quote the material reference type " 0CPSxxxx10x "

Disclaimer: All data listed are to be considered as typical average values and are to the best of our knowledge correct. The values were determined on a limited number of samples. The data published here are indicative values for general information without liability.