

## DECLARATION OF PERFORMANCE **FILTARITE™** FILTER TAPE

Description – a breathable self-adhesive tape commonly used to seal the ends of multi wall polycarbonate sheeting minimising the ingress of dust, debris and insects whilst allowing the escape of moisture vapour.

Construction – **Filtarite™** is a high performance adhesive system and is used to offer high tack, high adhesion and excellent elevated temperature performance. Contained therein is an industry approved adhesive providing UV stability and water resistance. By nature the material surface is water repellent and possesses excellent breathability over its open surface area. The filtration area has been manufactured from FDA approved material and is suitable for extended skin contact.

Filtration information \*\* results taken from British Board of Agrément Test Report No: 2534

Tensile strength and elongation

45mm test width

Max Load                      179.21 (N 50mm) – mean result \*\* Strain at max load    41.05 % - mean result \*\*

Water vapour transmission

Tested to BS 3177: 1959 (1995) mean permeability 4474 (gm<sup>2</sup>24h) \*\*

Thermal shock / condensation

In accordance with MOAT 48: 1991

This test procedure is intended to replicate the ability of the filter tape to resist the passage of water and therefore the formation of condensation within the cavities of the polycarbonate under wet/heat cycling conditions

Cycle 0-25    no leaks or condensation \*\*

Cycle 25-50    no leaks or condensation \*\*

Resistance to penetration by particulates

Filter cut point 45 microns (rounded up to the nearest 5mic) \*\*