

Technical Data Sheet

EAGIS 2101(EAGIS 2000 Series)



Description The fabric of EAGIS Protective coveralls are composed of specially developed membrane film that prevent water, dust, bacteria, virus, etc.. EAGIS coveralls has excellent breathability compared to EASYCHEM's previous virus barrier fabric. EAGIS Protective coveralls are also very light but the strength is very high. It helps worker's workability.

Specification

| PROPERTY | | UNIT | EAGIS 2101 | TEST METHOD |
|--------------------------|----|------------------------|------------|--------------------------|
| Basis Weight | | g/m ² | 62.0 | ELECTRONIC SCALE(0.001g) |
| Thickness | | μm | 175 | 0.001mm |
| Tensile Strength | MD | N | 193.7 | ISO 13934-1 |
| | CD | | 154.3 | |
| Tearing strength | MD | N | 19 | ISO 9073-4 |
| | CD | | 13 | |
| Water Vapor Permeability | | g/m ² /24hr | 5,484 | ASTM E96 |
| Water Resistance | | mbar | 500 ↑ | AATCC 127 |

Applications

EAGIS 2101 is can be used in various industry such as handling medical supplies, general maintenance, dust occurring workplace, spray painting and etc.

Notes

The data is typically the average of three fabrics samples tested. The tests were performed between 20 °C and 27°C and at environmental pressure unless otherwise stated. A different temperature may have significant influence on the test. Degradation is the physical change in a material after chemical exposure. Typical observable effects may be wrinkling, deterioration, or delamination. Strength loss may also occur. Please use the physical properties data provided as a part of the risk assessment to assist with the selection of a protective fabric suitable for your application. This garment and/or fabric are not flame resistant and should not be used around heat, open flame, sparks or in potentially flammable environments. Also, this garment and/or fabric does not protect against ionizing radiation.

The information provided herein corresponds to our knowledge on the subject at the date of its publication. This information may be subject to revision as new knowledge and experience becomes available. The data provided fall within the normal range of product properties and relate only to the specific material designated; these data may not be valid for such material used in combination with any other materials or additives or in any process, unless expressly indicated otherwise. The data provided should not be used to establish specification limits or used alone as the basis of design. Since Easychem cannot anticipate all variations in actual end-use conditions Easychem makes no warranties and assumes no liability in connection with any use of this information.