


## PRODUCT TECHNICAL SPECIFICATIONS

|                        |                      |                             |                   |
|------------------------|----------------------|-----------------------------|-------------------|
| Product Name           | <b>MED200 PES PU</b> | Spect No                    | -                 |
| Product Code           | <b>MEP016</b>        | Date of Issue               | <b>20.04.2017</b> |
| Product Group          | <b>MEDICAL</b>       | Date Of Revision            | -                 |
| Product Classification | <b>MED PU</b>        | The cause of spec. Revision | <b>New</b>        |

Note : All of the test values that is given at below are for all colours of this product group

| TEST  | ASPECT   | UNIT                  | TOLERANCES | NOMINAL VALUE           | STANDART                  |
|---|--|-----------------------|------------|-------------------------|---------------------------|
| WEIGHT  |  | gr/m <sup>2</sup>     | %± 5       | 200                     | BS EN ISO 12127: 1998     |
| THICKNESS   |  | mm                    | %± 5       | 0,4                     | ISO-2686-3                |
| PRODUCT WIDTH   |  | cm                    | %± 5       | 220, 200, 150, 140, 110 | -                         |
| TENSILE STRENGHT  | WARP   | N                     | ≥          | 485                     | ISO 1421:1998             |
|   | WEFT   |                       | ≥          | 220                     |                           |
| ELONGATION AT BREAK                                     | WARP   | %                     | %± 5       | 75,00%                  | ISO 1421:1998             |
|   | WEFT   |                       | %± 5       | 100,00%                 |                           |
| TEAR STRENGHT   | WARP   | N                     | ≥          | 32                      | ISO 4674-1:2003           |
|   | WEFT   |                       | ≥          | 29                      |                           |
| PEEL ADHESION   |  | N/ 50 mm              | ≥          | 35                      | ISO 2411: 2000            |
| RESISTANCE TO WATER PENETRATION-HYDRO STATIC HEAD TEST  | ORIGINAL   | m H <sub>2</sub> O    | ≥          | 2                       | ISO 20811: 1992           |
| APPREANCE AFTER WASH                                    | The general appearance of the washed sample was found <b>SATISFACTORY</b><br>Washing Condition 90 °C, Tumble Dry Low |                       |            |                         | VINTEKS IHTM 001          |
| ANTIBACTERIAL & ANTIFUNGAL                              |  |                       |            | PASS                    | ISO 22196:2011            |
|   |  |                       |            |                         | A.A.T.C.C. TEST METHOD 30 |
| FLAME RETARDANCY  |  |                       |            | PASS                    | BS 7175 CRIB 5            |
| ACCELERATED-AGEING TEST (JUNGLE TEST)                   | No Loss of Quality After 3 Weeks   |                       |            |                         | ISO 1419:1995             |
| WATER VAPOR PERMEABILITY                                |  | g/m <sup>2</sup> /24h | ≥          | 500                     | ASTM E96:1995             |
| PROPERTIES AFTER AUTOCLAVE TREATMENT (20 x 121 °C /20') | All Conform  |                       |            |                         | VINTEKS IHTM 003          |
| CARE INSTRUCTION  |                                  |                       |            |                         |                           |
| OEKO-TEX CLASS 1 CERTIFIED                              | Certificate Number: 1506032 (Centexbel)  |                       |            |                         |                           |
| HALOGEN FREE  |  |                       |            |                         |                           |

### CHEMICAL COMPOSITION

| COMPOSITION  | UNIT | VALUE |
|--------------|------|-------|
| POLYURETHANE | %    | 48    |
| POLYESTER    | %    | 52    |

**NOTE :**