



# DATA SHEET

## MicroPES®

**Intended use:** Infusion therapy

**Capillary membrane  
Type TF10 iv**

Sheet No. 425/9061/000 of 03/16  
supersedes 425/9061/000 of 11/13

### Chemical composition

**Test Ref.No:**

Polymer

Polyethersulfone

### Physical properties

|                     |   |     |    |         |
|---------------------|---|-----|----|---------|
| Wall thickness      | m | 100 | µm | 701/018 |
|                     | ± | 25  | µm |         |
| Inner diameter      | m | 300 | µm | 701/018 |
|                     | ± | 40  | µm |         |
| Tensile strength    | ≥ | 50  | cN | 701/009 |
| Elongation at break | ≥ | 30  | %  | 701/009 |

### Membrane performance characteristics

|                                           |   |      |                                  |         |
|-------------------------------------------|---|------|----------------------------------|---------|
| Transmembrane flow (water, 25°C)          | ≥ | 35   | ml/[min x cm <sup>2</sup> x bar] | 701/044 |
| Maximum pore size<br>(calculated from BP) | m | 0.5  | µm                               | 701/005 |
|                                           | ± | 0.1  | µm                               |         |
| Bubble point<br>(Isopropylalcohol, 23°C)  | m | 1.22 | bar                              | 701/005 |
|                                           | + | 0.31 | bar                              |         |
|                                           | - | 0.20 | bar                              |         |

### Available make-up configurations

Single-thread spools

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