

# PROSAT Pi Wipes

## Microfibre nonwoven wipes presaturated with 70% IPA and 30% deionised water

PROSAT Pi wipes are manufactured from 80g/m<sup>2</sup> hydroentangled microfibre and presaturated with 70% IPA and deionised water. The wipes are made from a polyester and nylon split microfibre, enhancing their cleaning effectiveness and ability to pick up contamination.

The microfibre fabric is highly sorbent and also offers a metered release of the alcohol to the surface. This metered release ensures the surface coverage per wipe is greater than other comparable weight, presaturated wipes. Therefore, these wipes can help a manufacturer control contamination whilst consuming less resources.

Presaturated wipes ensure consistent saturation of each wipe independent of operator. Presaturated wipes can increase solvent control and accountability as well as reduce VOC emissions. The wipes are provided in convenient, easy to use peel and reseal pouches.

When used as a disinfectant, the IPA wipes are efficacious against bacteria in 1 min and yeasts in 3 mins. PROSAT Pi wipes are authorised for sale in the EU and United Kingdom under the EU and GB Biocidal Products Regulation. (Contec IPA wipes : EU 0020460 0002 1-2).

PROSAT Pi Wipes are available sterile by gamma irradiation, validated per AAMI guidelines to a 10<sup>-6</sup> SAL so can be used in the highest grade cleanrooms. The sterile pouches have a small number of wipes per pouch to ensure all wipes can be used up in one session.



| FEATURES                                                                                      | BENEFITS                                                                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hydroentangled microfibre</b>                                                              | <ul style="list-style-type: none"> <li>Highly sorbent with good wet strength</li> <li>Allows metered release of alcohol to give increased surface coverage</li> <li>Increased cleaning effectiveness and contaminant pick-up</li> </ul> |
| <b>No binders or additives</b>                                                                | <ul style="list-style-type: none"> <li>Leaves no residue on the cleanroom surface</li> </ul>                                                                                                                                            |
| <b>Presaturated wipes</b>                                                                     | <ul style="list-style-type: none"> <li>Reduces solvent usage and VOC emissions</li> <li>Ensures consistent saturation of each wipe independent of the operator</li> </ul>                                                               |
| <b>Resealable pouch</b>                                                                       | <ul style="list-style-type: none"> <li>Maintains saturation levels throughout use and makes wipe removal easy</li> </ul>                                                                                                                |
| <b>Validated sterile via gamma irradiation to a 10<sup>-6</sup> Sterility Assurance Level</b> | <ul style="list-style-type: none"> <li>Suitable for use in Grade A/B cleanrooms</li> </ul>                                                                                                                                              |

| Description                        | Part No.     | Size      | Packaging                       |
|------------------------------------|--------------|-----------|---------------------------------|
| PROSAT Sterile Pi Microfibre Wipes | PS-314IR-BPR | 23 x 23cm | 20 wipes/pouch; 40 pouches/case |
| PROSAT Pi Microfibre Wipes         | PS-314-BPR   | 23 x 23cm | 20 wipes/pouch; 40 pouches/case |

For more information or to request a sample, email [infoeu@contecinc.com](mailto:infoeu@contecinc.com) or phone +33 (0)2 97 43 76 98.

Use biocides safely. Always read the label and product information before use.

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## Distribution

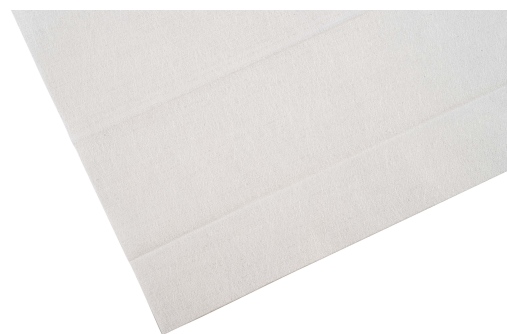
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## Product Information

|              |                                                      |
|--------------|------------------------------------------------------|
| Material     | 70% Polyester / 30% Nylon (PA6)                      |
| Construction | Hydroentangled                                       |
| Saturant     | 70% IPA (USP Grade) with 30% Deionised Water         |
| Sterility    | Gamma irradiated to a validated SAL 10 <sup>-6</sup> |
| Shelf life   | Sterile: 2 years from manufacturing date             |
| Environment  | ISO 5 - 8 Grade A/B for sterile , C/D for nonsterile |



## Technical Data

| Attribute (units)                                   | Typical Value | Test Method                 |
|-----------------------------------------------------|---------------|-----------------------------|
| Basis weight; nominal (g/m <sup>2</sup> )           | 80            | Contec Method               |
| Non-volatile residue, NVR                           |               | IEST-RP-CC004.3, Sec. 7.1.2 |
| In deionized water; (g/m <sup>2</sup> )             | 0.034         |                             |
| In isopropanol; (g/m <sup>2</sup> )                 | 0.017         |                             |
| Specific ions                                       |               | IEST-RP-CC004.3, Sec. 7.2.2 |
| Sodium; (ppm)                                       | 6.20          |                             |
| Chloride; (ppm)                                     | 15.60         |                             |
| Particles, readily releasable                       |               |                             |
| P ≥ 0.5µm; (x10 <sup>6</sup> /m <sup>2</sup> )      | 11.20         | IEST-RP-CC004.2, Sec. 5.1   |
| Fibres > 100µm; (x10 <sup>3</sup> /m <sup>2</sup> ) | 11.96         | IEST-RP-CC004.2, Sec. 5.2   |

## VOC Content

|              | Per case / kg | Per pouch / kg |
|--------------|---------------|----------------|
| PS-314IR-BPR | 6.64          | 0.17           |
| PS-314-BPR   | 6.64          | 0.17           |

## Efficacy Information

| Test    | Organism         | Log Red'n | Time  | Test    | Organism            | Log Red'n | Time  |
|---------|------------------|-----------|-------|---------|---------------------|-----------|-------|
| EN16615 | <i>E. hirae</i>  | >5        | 1 min | EN16615 | <i>P.aeruginosa</i> | >5        | 1 min |
| EN16615 | <i>S. aureus</i> | >5        | 1 min | EN16615 | <i>C.albicans</i>   | >4        | 3 min |

## Packaging

|                         |                                                                                                                     |         |         |        |       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------|---------|---------|--------|-------|
| Packaging Materials     | Low-density polyethylene / polyester                                                                                |         |         |        |       |
| Flow wrap outer bags    | Low density polyethylene (LDPE)  |         |         |        |       |
| Outer bags              | Corrugated fibreboard (PAP)      |         |         |        |       |
| Case                    |                                                                                                                     |         |         |        |       |
| Packaging Configuration | EA/PCH                                                                                                              | PCH/FOB | FOB/OB2 | OB2/CS | EA/CS |
| PS-314IR-BPR            | 20                                                                                                                  | 1       | 10      | 4      | 800   |
|                         | EA/PCH                                                                                                              | PCH/OB1 | OB1/OB2 | OB2/CS | EA/CS |
| PS-314-BPR              | 20                                                                                                                  | 10      | 1       | 4      | 800   |

EA = Wipe, PCH = Pouch, FOB = Flow wrap outer bag, OB = Outer Bag 1/2/3/, CS = Case

## Recycling Key

|      |                                                                                       |
|------|---------------------------------------------------------------------------------------|
| LDPE |  |
| PAP  |  |

## Notes

- a) The data shown are typical values and should not be used as product specifications.  
b) Valid product comparisons may only be obtained through side-by-side testing in the same test facility, under similar conditions.  
c) Current and/or comparison data may be available. Please contact a Contec sales representative for details.

## Test Methods

- 1) CTM Contec Test Method  
2) IEST-RP-CC004.3 Evaluating Wiping Materials Used in Cleanroom and Other Controlled Environments, Institute of environmental Sciences and Technology, Rolling Meadows IL.