

## Cleanroom Wiper OVERVIEW



| Wiper   | ISO   | Application / Properties   |
|---|-------|--|
| <b>ORYX</b><br><i>steril</i>  | 5     | <p><b>Usable for critical production processes like semi-conductor and pharmaceutical production as well as biotechnology application</b></p> <ul style="list-style-type: none"> <li>* Excellent durability &amp; strength</li> <li>* Contains no optical brighteners or whitening agents</li> <li>* Outstanding absorption</li> <li>* Low-linting</li> </ul> <p><b>Material: Polycellulose non-woven material</b></p> |
| <b>MiraWipe™</b><br><b>HT 5790S</b>   | 1     | <p><b>Particle removal from textured and porous ceramic, anodized aluminium and stainless steel surface</b></p> <ul style="list-style-type: none"> <li>* Extremely low particle, extractable and ionic levels</li> <li>* Titanium-free for advanced wafer fab cleaning applications</li> </ul> <p><b>Material: 70% Nylon / 30% Polyester</b></p>   |
| <b>SM-LI</b>  | 3 - 4 | <p><b>Ideal for ultra-high accumulation semiconductor process TFT LCD, sterilized room</b></p> <ul style="list-style-type: none"> <li>* Knitted</li> <li>* Very low particle generation</li> <li>* Excellent absorbency</li> </ul> <p><b>Material: Nylon: 20%, Polyester 80%</b></p>   |
| <b>SM 711D</b><br><b>SM 815D</b>  | 4     | <p><b>Used for semiconductor, aerospace</b></p> <ul style="list-style-type: none"> <li>* Knitted</li> <li>* Very low particle generation</li> <li>* Excellent absorbency</li> <li>* Metallic ion and extractables are extremely low</li> </ul> <p><b>Material: Microfibre</b></p>  |
| <b>UA 1</b>   | 3 - 4 | <p><b>Ideal for semiconductor, TFT LCD, PDP manufacturing process</b></p> <ul style="list-style-type: none"> <li>* Woven</li> <li>* Assures cleanliness with ultra low levels of particles, ions and extractables</li> </ul> <p><b>Material: Polyester and Nylon</b></p>   |
| <b>UA 2</b>   | 3 - 4 | <p><b>Ideal for semiconductor, TFT LCD, lens manufacturing process</b></p> <ul style="list-style-type: none"> <li>* Woven</li> <li>* Assures cleanliness with ultra low levels of particles, ions and extractables</li> </ul> <p><b>Material: Polyester and Nylon</b></p>  |
| <b>MKC-002E</b><br><b>ESD wiper</b>   | 3 - 5 | <p><b>For critical cleanroom areas</b></p> <ul style="list-style-type: none"> <li>* Laser cutted edges</li> </ul> <p><b>Material: Polyester and Nylon</b></p>  |
| <b>PRT 2091NV</b><br><b>PRT 20151NV</b>                                       | 4 - 5 | <p><b>Used for ultra-high accumulation semiconductor, TFT LCD BLU process, for critical cleanroom areas</b></p> <ul style="list-style-type: none"> <li>* 4 sealed-border by laser heat</li> <li>* Resistant to many chemicals</li> </ul> <p><b>Material: Polyester mit Nylon</b></p>   |
| <b>BELLCLEAN</b><br><b>Wiper (1mm)</b><br><b>Wiper (2mm)</b><br><b>Sponge</b> | 4 - 5 | <p><b>Cleanroom generally</b></p> <ul style="list-style-type: none"> <li>* High wearing resistance</li> <li>* Causes no statically charging</li> <li>* Chemical resistance</li> <li>* Excellent moisture absorption</li> <li>* In wet condition very smoothly</li> <li>* Absolutely lint free</li> </ul> <p><b>Material: PVA = Polyvinyl Alcohol</b></p>   |
| <b>PRT S2051N</b><br><b>PRT S2091N</b><br><b>PRT S20181N</b>                  | 4 - 5 | <p><b>Ideal for ultra-high accumulation semiconductor process, TFT LCD, BLU-process, cleaning in critical cleanrooms</b></p> <ul style="list-style-type: none"> <li>* Knitted</li> <li>* Resistant to many chemicals</li> <li>* Soft, tactile properties for wiping delicate objects</li> </ul> <p><b>Material: 77% Polyester / 23% Nylon</b></p>  |

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| <b>PRT 2091</b>   | 4 - 5 | <b>For critical cleanroom environment</b><br>* The yarn is made of synthetic polyester and nylon<br>* 100% continuous-filament<br>* Preservation of the value of object by a capillary phenomenon<br>* Minimum release of fibres by thermal heated 4 sealed-border<br><b>Material: 75% Polyester / 25% Nylon</b>   |
| <b>Mop wiper Durx 670</b>   | 5     | <b>Applicable with cleanroom mop (art.-no.: RRMOPBCRHG)</b><br>Size: 57 x 23 cm<br><b>Material: 55% Cellulose / 45% Polyester</b>  |
| <b>PRT-1021L</b><br><b>PRT-1041L</b><br><b>PRT-1091L</b><br><b>PRT-10181L</b> | 5 - 6 | <b>For critical cleanroom environment</b><br>* 100% continuous-filament, interlock structure<br>* Excellent cleaning funktion<br>* Superior absorption power<br>* Economical light weight<br>* Minimum release of fibres by 4 sealed-border by thermal heat<br>* Washed by 17M Ohm de-ionized water<br>* Excellent cleaning funktion<br>* Superior absorption power<br>* Economical light weight<br>* Minimum release of fibres by 4 sealed-border by thermal heat<br>* Washed by 17M Ohm de-ionized water<br><b>Material: Polyester</b> |
| <b>PRT 1094</b><br><b>PRT 10124</b>   | 4 - 6 | <b>Used for semiconductor, TFT LCD, BLU, optical process.</b><br><b>Suited for parts, equipment, cleanroom floor in a critical cleanroom and an assembly line</b><br>* Excellent cleaning funktion<br>* High soft touchness<br>* Top class absorption power<br><b>Material: 100% Polyester</b>   |
| <b>MN-LD</b>  | 4 - 5 | <b>Suited to semiconductor, optics and aerospace applications</b><br>* Excellent water and oil absorption<br>* 2 edges are cut and sealed by ultrasonic, rest of 2 edges cut by knife<br>* Durable, yet soft and non-abrasive wiper<br>* Particle, metallic ion contaminant and extractable are very low<br><b>Material: Polyester</b>   |
| <b>KIMTECH PURE CL W4</b>   | 5     | <b>For example PCB-manufacturing</b><br>* Excellent moisture absorption<br>(up to 5 times of it's own weight)<br><b>Material: Polypropylen</b>   |
| <b>UltraSORB®</b>   | 5     | <b>Cleaning of thick film screens, removal of solder paste</b><br>* Pyrogen-free for Medical Device wipe-down<br>* Excellent abrasion resistance and fluid retention<br>* High density construction and sponge-like properties<br>* Open-cell, soft foam structure<br>* Will not interfere with the curing of elastomers, platinum cured silicones or adhesives<br>* Static dissipative to minimize the risk of ESD events<br><b>Material: Polyurethane</b>  |
| <b>PROSAT-911</b><br><b>PROSAT-911</b><br><b>sterile</b>                      | 5     | Moistened wipers<br><b>Material: Polypropylene</b><br>Sterile, moistened wipers<br><b>Material: Polypropylene</b>  |
| <b>Sontara Micro Pure 100</b>   | 5 - 6 | <b>Cleanroom generally</b><br>* Excellent moisture absorption  |
| <b>Sontara Micro Pure AP</b>  | 6 - 8 | * Lint free<br>* Without any binders<br><b>Material: Cellulose and Polyester</b>   |

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| <b>BEMCOT</b><br><b>Lint Free AZ-8</b><br><b>M-1</b><br><b>M3-II</b><br><b>CLEAN EA-8</b> | <br>6 - 7<br><br>8 | <b>Cleanroom generally</b><br>* Antistatic<br>* high wearing resistance<br>* Chemical resistance against solvents<br>* Sterilization possible<br>* Excellent moisture absorption<br><b>Material: 100% Cellulose</b>  |
| <b>TECH CLEAN</b><br><b>WIPER</b>   | 5 - 6              | <b>Cleanroom generally</b><br>* Absolutely lint free<br>* Causes no statically charging<br>* High tensile strength in both directions<br>* Excellent moisture absorption<br><b>Material: Cellulose and Polyester</b> |
| <b>Mop wiper</b><br><b>Sontara</b>  | 7                  | <b>Applicable with cleanroom mop (RRMOPBCRHG)</b><br>Size: 59 x 30 cm<br><br>Size: 29 x 40 cm<br><b>Material: Polyester / Cellulose</b>  |
| <b>NON WOVEN</b><br><b>PRT J 102</b>  | 7                  | <b>For dry cleaning of cleanrooms</b><br><b>Material: 100% Rayon</b>   |
| <b>Towel</b><br><b>dispenser</b><br><br><b>Towel for</b><br><b>dispenser</b>              |                    | <b>Center pull towel dispenser for wall fastening</b><br><br>Non-woven, turquoise<br>1 roll = 250 wipers   |

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