

# TekniPure Knitted Microfiber

## ■ CHARACTERISTICS

Heavy weight and durable engineered fabric utilizes a proprietary weaving pattern to create pillowed loops of soft, sweeping power to efficiently sweep microcontamination away from even the most delicate surfaces.

## ■ APPLICATIONS

- Best choice for superior microcontamination removal and spill control.
- Ideal for application of disinfectants and sanitizers to large areas
- Suitable for use in ISO 3 and higher cleanrooms

## ■ FEATURES & BENEFITS

- Silk smooth surface finish for use on even the most delicate surfaces
- Durable abrasion resistance for use when removing microcontamination from large areas and irregular surfaces
- Best in class fluid absorption.
- Leaves a polished finish on surfaces such as stainless steel
- Available in a range of edge finishes to meet your application requirements.



# TekniPure Knitted Microfiber Wipers

Product	Class	Edge Finish	Pre-Sat	IPA%*	Wiper Size	Packaging
TC2MFU1-99	ISO 4	Ultra-Edge			9" x 9" (23cm x 23cm)	100 ea/bag; 50 ea/2 inner bag; 10 bags/case
TC3MFB1-44	ISO 3	Ultra-Borderseal			4" x 4" (10cm x 10cm)	600 ea/bag; 10 bags/case
TC3MFB1-99	ISO 3	Ultra-Borderseal			9" x 9" (23cm x 23cm)	100 ea/bag; 50 ea/2 inner bag; 10 bags/case
TS3MFB170Z-99	ISO 3	Ultra-Borderseal	◆	70%	9" x 9" (23cm x 23cm)	50 ea/bag; 15 bags/case

\*IPA (Isopropyl Alcohol) is USP grade

## Physical Properties

<b>Basis Weight</b>	220 g/m <sup>2</sup>
<b>Thickness</b>	0.46mm (+/- 0.02mm)
<b>Material</b>	100% Polyester/Nylon
<b>Absorbency</b>	Extrinsic Capacity: 335 ml/m <sup>2</sup> Intrinsic Capacity: 2.6 ml/g Rate: <1 second

## Nonvolatile Residue

Extractant	Target
IPA	<0.07 g/m <sup>2</sup>
DI Water	<0.015 g/m <sup>2</sup>

\*IEST-RP-CC004.3 Section 7.1.2 (Short Term Extraction)

## Purity Specifications

	Target
<b>Particles &amp; Fibers</b>	(x 10 <sup>6</sup> particles/m <sup>2</sup> )
Particles >0.50um	<8.0
Particles >5.0um	<1.0
Fibers >100um	<400

\*Particles: IEST-RP-CC004.3 Section 6.1.4  
Fibers: IEST-RP-CC004.3 Section 6.2.2 (Orbital Shake Test)

## Extractable Ions

Ion	Target
Sodium (Na <sup>+</sup> )	<0.02 ppm
Potassium(K <sup>+</sup> )	<0.03 ppm
Calcium (Ca <sup>2+</sup> )	<0.02 ppm
Chloride (Cl <sup>-</sup> )	<0.02 ppm
Magnesium (Mg <sup>2+</sup> )	<0.02 ppm

\* IEST-RP-CC004.3 Section 7.2.2.1B (Standard Extraction)



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