

ULTRASHIELD FABRIC (US)			
Specifications	100% Polyester with ECF strip		
Colour range	Green (GUS), Lemon (LUS), Purple (PUS)		
Unit Weight	117 g/m ²		
Water Vapour Transmission Rate	44.72 g/hrs m ²		
Air Permeability	5.3 cm ² /cm ² /s (toward airflow) 5.3 cm ² /cm ² /s (away from airflow)		
Abrasion Resistance	37,000 cycles		
SURFACE RESISTIVITY (ESD)			
0 washes	3X10 ⁸ -1X10 ¹¹ Ω (Static Dissipative)		
250 washes	3X10 ⁸ -1X10 ¹² Ω (Static Dissipative)		
PARTICLE SHEDDING (HELMKE)	0.3um	0.5um	
Particles/min (0 washes)	656	637	
Cleanliness Category	I	I	
Particles/min (250 washes)	325	209	
Cleanliness Category	I	I	
FILTRATION EFFICIENCY (%)	0.3um	0.5um	5.0um
0 washes	75.12	91.88	95.25
25 washes	95.57	96.79	97.46
50 washes	81.13	89.13	88.64
75 washes	87.27	96.23	72.01
100 washes	93.37	95.30	87.92
125 washes	86.45	96.90	100
150 washes	89.40	96.51	100
175 washes	88.32	95.12	95.87
200 washes	87.85	95.41	97.06
255 washes	86.01	97.18	100
250 washes	93.22	96.43	85.92
WATER REPELLENCY (%)			
0 washes	90.3%		
25 washes	96.6%		
50 washes	98.0%		
75 washes	96.9%		
100 washes	96.7%		
125 washes	98.4%		
150 washes	98.0%		
175 washes	95.4%		
200 washes	97.8%		
225 washes	97.6%		
250 washes	96.8%		

INDIVIDUAL DRUG INFORMATION SHOULD BE CONSULTED FOR EXPOSURE LIMITS

Drugs	CYTO PENETRATION PURPLE US ONLY								
	0 Washes			10 Washes			50 Washes		
	20 min	30 min	60 min	20 min	30 min	60 min	20 min	30 min	60 min
Ethanol Based(µg)	<0.1	<0.1	<0.1	NA	NA	NA	<0.1	<0.1	<0.1
Powder Based(µg)	<0.1	<0.1	<0.1	NA	NA	NA	<0.1	<0.1	<0.1
% Penetration	0	0	0	NA	NA	NA	0	0	0