



[promultis]

Anti-bacterial Film for Touch Screens

High Performance Touch Screen Protection Film

Surface protection tape
(PET 38 µm)

Hard coat layer
(5 ± µm)

PET film
(100 µm)

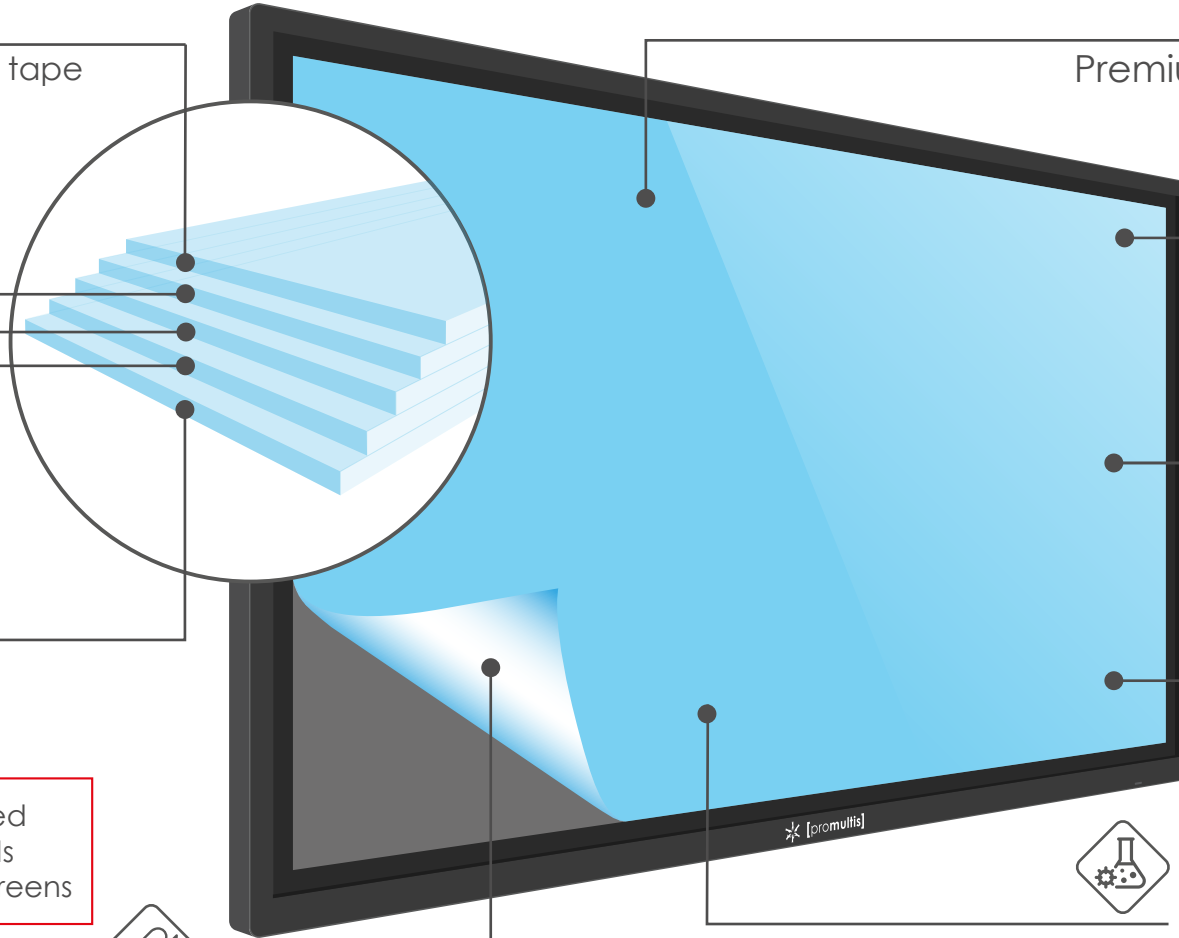
Silicon PSA
Adhesive
(15 µm)

Release film
(PET 50 µm)

Currently being rolled
out to all Mcdonalds
Restaurant touchscreens



Silicone adhesive
for clean removal



Premium quality transparent
protection film

32" | 43" | 55" | 65"*

*Maximum film size -
multiple sheets for larger screens

Anti-bacterial, Anti-scratch
Currently being tested for COVID-19

High grade polyester

Available for all Promultis
Screens, Totems, Tables & Kiosks


BS EN ISO 22196 tested



Technical Data					
Item	Unit		Specification		Test method
Base thickness	µm	Inch	100	.004	ASTM D3652
Total thickness	µm	Inch	120	.005	ASTM D3652
Peel strength	g/25mm	lb/inch ²	5	0.011	ASTM D3652
Elongation at break	%	--	>50	--	ASTM D3652
Tensile strength	kg/cm	lb/inch	>8	>110	ASTM D3652
Hardness	Load 750g		2H	--	--

Cleaning Test Document

Bespoke Test Based on ISO 22196:2011 Page 3 of 3



Viable bacterial recovery of samples

Test Organism	Viable Cells Recovered Untreated sample 0 hours	Viable Cells Recovered Untreated sample 24 hours
<i>Escherichia coli</i> ATCC 10536	3.9×10^6	3.4×10^6
<i>Staphylococcus aureus</i> ATCC 6538	1.3×10^7	3.3×10^6

Antibacterial activity of treated samples

Test Organism	Calculation of Antibacterial Activity	% Reduction compared to Untreated Samples	U_0 0 hour count Untreated sample	U_t 24hour Untreated count	A_t 24 hour Treated test sample
<i>Escherichia Coli</i> ATCC 10536	5.13 log reduction	99.999%	6.59lg	6.53lg	1.40lg
<i>Staphylococcus aureus</i> ATCC 6538	2.74 log reduction	99%	7.11lg	6.51lg	3.77lg

Deviations from international standard

- The sample was rubbed for 8 hours using cloths and disinfectants supplied by the client before testing for antibacterial efficacy
- In-house validated neutralizer used
- In-house nutrient agar used

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