



TekniPro

Product Description

The Teknipro Nitrile 12" Class 100 Glove is intended for critical applications where cleanliness, consistency, & quality are vital to your products, operators & bottom line. This glove is double chlorinated & laundered to remove contamination. Supple feel & micro-textured finger tips and "tacky" surface ensure tactile sensitivity for challenging tasks. Superior cleanliness, Tacticty, Puncture Resistance & ESD attributes make this the glove of choice for demanding applications. Contains No Natural Rubber (Latex), Available in White or Blue to meet preference or application needs. Silicone, Amide or DOP. Class 100 Laundered & Packaged

Physical Properties

Material	Synthetic Nitrile polymer
Style:	Ambidextrous
Surface:	Micro-textured finger tips
Length:	12" (295mm) Beaded Cuff
Sizes:	Small thru XX-Large
Thickness:	5 mil (.13')
Color:	White or Blue



Features

ISO 4 CR Laundered & Packed
Ultra Low Particles, NVR's, ION's
Full IEST 4.3 Tests in house lab
SPC / Lot to Lot Traceability
Solvent Safe Double Bag Pkg
Excellent Puncture Resistance
Ultra Sensitive Feel; Tactile grip

Class 100 / ISO 5

Tensile Properties

	Tensile Strength	Elongation at Failure	Test Method
Before Aging:	14 Mpa, Minimum	500% Minimum	ASTM D 412 & D 573
After Aging:	14 Mpa, Minimum	400% Minimum	
Freedom of holes:		1.5 AQL	ASTM D 5151
Nominal Thickness:		5 mil / 0.13mm	ASTM D 3767 & D 6319
Nominal Length:		12" / 305mm	

Dimensions and Tolerances

Nominal Size	Minimum Length (mm)	Width (mm)	Minimum Thickness (mm)
Small	290	85 +/- 5	Palm: 0.11 Fingertip: 0.14 Cuff: 0.08
Medium	290	95 +/- 5	
Large	290	105 +/- 5	
X-Large	290	115 +/- 5	
XX-Large	290	125 +/- 5	

ESD Specifications @ 50-60% Humidity

<10 ¹⁰ Surface Resistivity (Ohm/sq)	< 0.5 Second Decay Time	<20V Tribo Charge	ANSI/ESD-STM11.11 ASTM D257/FTM Std 101C
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Purity Specifications

	Upper Limits							Test Method
* Particles (>0.5micron)	<2000 particles/cm ²							IEST-RP-CC005.2
* Total NVR (mcg/cm ²)	DI Water	< 3 mcg/cm ²						IEST-RP-CC005.2
	IPA	< 30 mcg/cm ²						IEST-RP-CC005.2
*Extractable Ions								IEST-RP-CC005.2
Anions (ng/cm ²) or (mcg/cm ²)	Flouride	Chloride	Nitrite	Bromide	Phosphate	Nitrate	Sulphate	
	< 10 / <0.01	< 300 / <0.3	< 10 / <0.01	< 50 / <0.05	< 10 / <0.01	< 300 / <0.3	< 50 / <0.05	
* Copper Corrosion	No Visible Discoloration							IEST-RP-CC005.2
* FT-IR (Silicone, Amide, DOP)	Not Detected							IEST-RP-CC005.2

Product

Color

TPN12W-SIZE	White
TPN12B-SIZE	Blue

Ordering Information

Extra-Small, Small, Medium, Large, X-Large, XXL
Small, Medium, Large, X-Large

Packaging

100 Ea/HDPE Bag, 10 Bag/Case, 1000/Case
100 Ea/HDPE Bag, 10 Bag/Case, 1000/Case