Nitril-Handschuhe TechNiGlove #TN1200W

pure[11]-Nr.: 1105033, Marke:

Eigenschaften

- Puderfrei

Empfohlene Reinraumklassen

ISO

GMP

pure[11] GmbH |
Bavariafilmplatz 7 | D-82031 Grünwald
T +49 89 5589434 0
F +49 89 5589434 77
www.pure11.de
info@pure11.de

Material

-

Verpackung

- 1000STK

Produktvarianten

pure[11]-Nr.: 1105033WHL, Nitril-Handschuhe TechNiGlove #TN1200W

Farbe: Weiß; Größe: L / VE: 1000STK

pure[11]-Nr.: 1105033WHM, Nitril-Handschuhe TechNiGlove #TN1201W

Farbe: Weiß; Größe: M / VE: 1000STK

pure[11]-Nr.: 1105033WHS, Nitril-Handschuhe TechNiGlove #TN1202W

Farbe: Weiß; Größe: S / VE: 1000STK

pure[11]-Nr.: 1105033WHXL, Nitril-Handschuhe TechNiGlove #TN1203W

Farbe: Weiß; Größe: XL / VE: 1000STK

pure[11]-Nr.: 1105033WHXS, Nitril-Handschuhe TechNiGlove #TN1204W

Farbe: Weiß; Größe: XS / VE: 1000STK

pure[11]-Nr.: 1105033WHXXL, Nitril-Handschuhe TechNiGlove #TN1205W

Farbe: Weiß; Größe: XXL / VE: 1000STK

Certificate of Conformance

Details

Date : 29th March 2011

Type : Nitrile Glove White (Class 10)

Length : 12"

Batch No : N660110 / N670710

Testing method

On analysis in accordance with IES -RP-CC005.3, Test method for Gloves and Fingercots used in Cleanroom and other controlled enviroments.

Cleanliness Results :

Size	Part No	Lot No	No. of Trial	Liquid Particle Count, counts/cm^2 0.5-20µm	Fluoride µg/cm^2	Chloride µg/cm^2	Nitrite µg/cm^2	Nitrate µg/cm^2	Bromide µg/cm^2	Phosphate µg/cm^2	Sulphate µg/cm^2	NVR (DI) µg/cm^2	FTIR result Silicone oil, Amide & Phthalate Not Detected
				< 400	< 0.005	< 0.1	< 0.005	< 0.1	< 0.02	< 0.005	< 0.02	< 1.00	
XS	TN1200W	N67 / ATPXS 8100007	1	282	ND	0.042	ND	0.037	ND	ND	0.013	0.45	Not Detected
			2	209	ND	0.033	ND	0.025	ND	ND	0.010	0.59	
			3	227	ND	0.049	ND	0.040	ND	ND	0.012	0.53	
			Avg	**239**	**ND**	**0.041**	**ND**	**0.034**	**ND**	**ND**	**0.012**	**0.52**	
S	TN1201W	N67 / ATPS 8100017	1	311	ND	0.059	ND	0.029	ND	ND	0.009	0.38	Not Detected
			2	257	ND	0.047	ND	0.045	ND	ND	0.013	0.46	
			3	299	ND	0.056	ND	0.037	ND	ND	0.011	0.40	
			Avg	**289**	**ND**	**0.054**	**ND**	**0.037**	**ND**	**ND**	**0.011**	**0.41**	
M	TN1202W	N67 / ATPM 8100018	1	277	ND	0.056	ND	0.039	ND	ND	0.009	0.37	Not Detected
			2	329	ND	0.044	ND	0.045	ND	ND	0.012	0.50	
			3	302	ND	0.052	ND	0.030	ND	ND	0.007	0.41	
			Avg	**303**	**ND**	**0.051**	**ND**	**0.038**	**ND**	**ND**	**0.009**	**0.43**	
L	TN1203W	N67 / ATPL 8100019	1	255	ND	0.039	ND	0.029	ND	ND	0.013	0.45	Not Detected
			2	297	ND	0.048	ND	0.037	ND	ND	0.010	0.55	
			3	271	ND	0.044	ND	0.031	ND	ND	0.011	0.40	
			Avg	**274**	**ND**	**0.044**	**ND**	**0.032**	**ND**	**ND**	**0.011**	**0.47**	
XL	TN1204W	N67 / ATPXL 8100013	1	239	ND	0.056	ND	0.039	ND	ND	0.013	0.41	Not Detected
			2	202	ND	0.048	ND	0.044	ND	ND	0.006	0.52	
			3	255	ND	0.053	ND	0.041	ND	ND	0.012	0.37	
			Avg	**232**	**ND**	**0.052**	**ND**	**0.041**	**ND**	**ND**	**0.010**	**0.43**	
XXL	TN1205W	N66 / ATPXXL 8100009	1	317	ND	0.055	ND	0.033	ND	ND	0.013	0.45	Not Detected
			2	244	ND	0.047	ND	0.041	ND	ND	0.005	0.49	
			3	263	ND	0.050	ND	0.039	ND	ND	0.007	0.47	
			Avg	**275**	**ND**	**0.051**	**ND**	**0.038**	**ND**	**ND**	**0.008**	**0.47**	

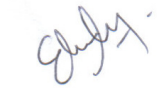
ESD Results :

Size	Part No	Lot No	No. of trial	Decay Time (s)		Tribo Charge	SRM 100
				+ve 1 KV	-ve 1 KV		Ohms / sq
				<= 0.5 s		<= 20 Volt	<=10^{10}
XS	TN1200W	N67 / ATPXS 8100007	1	0.1	0.1	9	3.59E+10
			2	0.1	0.1	12	1.55E+10
			3	0.2	0.1	10	1.90E+10
			Avg	**0.1**	**0.1**	**10**	**2.35E+10**
S	TN1201W	N67 / ATPS 8100017	1	0.2	0.2	14	2.81E+10
			2	0.1	0.1	6	1.44E+10
			3	0.2	0.1	8	3.67E+10
			Avg	**0.2**	**0.1**	**9**	**2.64E+10**
M	TN1202W	N67 / ATPM 8100018	1	0.2	0.2	9	2.64E+10
			2	0.2	0.1	12	2.91E+10
			3	0.2	0.1	10	1.42E+10
			Avg	**0.2**	**0.1**	**10**	**2.32E+10**
L	TN1203W	N67 / ATPL 8100019	1	0.1	0.2	13	3.59E+10
			2	0.2	0.1	11	2.18E+10
			3	0.1	0.1	15	3.78E+10
			Avg	**0.1**	**0.1**	**13**	**3.18E+10**
XL	TN1204W	N67 / ATPXL 8100013	1	0.2	0.1	17	2.16E+10
			2	0.2	0.2	13	3.42E+10
			3	0.2	0.2	15	2.04E+10
			Avg	**0.2**	**0.2**	**15**	**2.54E+10**
XXL	TN1205W	N66 / ATPXXL 8100009	1	0.1	0.1	9	3.78E+10
			2	0.1	0.1	13	3.45E+10
			3	0.1	0.2	11	3.61E+10
			Avg	**0.1**	**0.1**	**11**	**3.61E+10**

Conclusion

The Nitrile Glove under Batch No : N660110 / N670710 passed the above specification.

Prepared by :



Ms Chomg Ee Lane

QA Chemist

Approved by:

Ms Sabariah Salleh

QA Manager

Chemical Resistance Chart

CHEMICAL	GLOVE MATERIAL	
	NITRILE	LATEX
Acetaldehyde: acetic aldehyde	Not recommended	Good
Acetic acid 50%	Fair	Excellent
Acetic acid, glacial	Fair	Good
Acetic anhydride	Fair	Good
Acetone	Not recommended	Fair
Acetonitrile	Fair	Fair
Acrylic acid	Good	Good
Alcoholic beverages	Excellent	Excellent
Ammonium acetate	Excellent	Excellent
Ammonium carbonate	Excellent	Excellent
Ammonium chloride	Excellent	Excellent
Ammonium concentrate	Good	Excellent
Ammonium fluoride 30-70%	Excellent	Excellent
Ammonium hydroxide <30%	Excellent	Excellent
Ammonium hydroxide 30-70%	Excellent	Excellent
Ammonium nitrate	Excellent	Excellent
Amylic Alcohol	Good	Fair
Aniline	Fair	Not recommended
Animal Fats	Excellent	Fair
Aqua Regia	Fair	Fair
Asphalt	Excellent	Not recommended
AZT	Not recommended	Good
Beet	Excellent	Excellent
Benzaldehyde: benzoic aldehyde	Fair	Not recommended
Benzene	Fair	Not recommended
Benzyl alcohol	Fair	Fair
Bleach	Excellent	Good
Borax	Excellent	Excellent
Boric acid	Excellent	Good
Brake fluid: lookheed	Excellent	Fair
Bromides	Excellent	Fair
Bromopropionic acid	Fair	Good
Butoxyethanol	Excellent	Good
Butter	Excellent	Not recommended
Butyle acetate	Good	Not recommended
Butyle cellusolve	Good	Good
Calcium chloride	Excellent	Excellent
Calcium disulfide	Good	Fair

CHEMICAL	GLOVE MATERIAL	
	NITRILE	LATEX
Calcium hydroxide	Excellent	Excellent
Calcium hypochloride	Excellent	Excellent
Calcium nitrate	Excellent	Excellent
Calcium oxide	Excellent	Excellent
Calcium phosphate	Excellent	Excellent
Carbon tetrachloride	Good	Not recommended
Castor oil	Excellent	Not recommended
Chlorine	Excellent	Fair
Chloroacetone	Not recommended	Excellent
Chlorobenzene	Fair	Fair
Chlorodibromomethane	Fair	Fair
Chloroform	Fair	Not recommended
Chloronaphthalenes	Fair	Fair
Chromic acid	Fair	Fair
Cisplatin	Good	Good
Citric acid	Excellent	Excellent
Creosote	Excellent	Fair
Cresol	Excellent	Good
Cutting oil	Excellent	Not recommended
Cyclohexane	Excellent	Not recommended
Cyclohexanol	Excellent	Excellent
Cyclohexanone	Not recommended	Good
Cyclohexylamine	Fair	Fair
Di isobutyl ketone	Good	Fair
Di isobutylamine	Excellent	Fair
Di methyl ether	Good	Fair
Di methyl sulfoxide: DMSO	Good	Excellent
Di methylacetamide	Fair	Good
Di methylformamide: DMF	Fair	Fair
Diacetone alcohol	Good	Excellent
Diallylamine	Fair	Fair
Dibutyl phtalate	Excellent	Excellent
Dibutylether	Good	Not recommended
Dichloroacetyl chloride	Fair	Fair
Dichloroethane	Fair	Not recommended
Diesel oils	Excellent	Not recommended
Diethanolamine	Excellent	Excellent
Diethylamine	Good	Fair

1220 Graphite Dr. Corona, CA 92879 Ph. 951-582-0890 Fx. 951-582-0990

Chemical Resistance Chart

CHEMICAL	GLOVE MATERIAL	
	NITRILE	LATEX
Diethylene glycol	Excellent	Excellent
Diethylenetriamine	Fair	Fair
Di-n-amylamine	Excellent	Fair
Di-n-butyl phthalate	Excellent	Fair
Di-n-butylamine	Excellent	Fair
Di-n-octyl phthalate	Excellent	Fair
Dioctyl phtalate	Excellent	Fair
Dyes: hair	Excellent	Excellent
1, 3-Dioxane	Fair	Fair
1, 4-Dioxane	Fair	Fair
Epichlorohydrin	Fair	Fair
Ethanol: Ethyl Alcohol	Excellent	Good
2-Ethoxyethanol	Excellent	Fair
2-Ethoxyethylacetate	Fair	Not recommended
Ethyl acetate	Fair	Fair
Ethyl ether	Good	Fair
Ethylaniline	Excellent	Fair
Ethylene dichloride	Fair	Fair
Ethylene glycol	Excellent	Excellent
Ethylene glycol	Excellent	Excellent
Ethylene glycol dimethyl ether	Fair	Fair
Fertiliser	Excellent	Excellent
Fish & Shellfish	Excellent	Fair
Fixing agents	Excellent	Excellent
Flourides	Excellent	Fair
Formaldehyde 30% - 70%	Excellent	Good
Formic acid	Good	Excellent
Freon 113 or TF	Excellent	Fair
Freon TMC	Fair	Fair
Fuels	Excellent	Not recommended
Furaldehyde	Not recommended	Good
Furfura	Fair	Fair
Gas oils	Excellent	no
Gasoline, 40-50% aromatics	Excellent	Fair
Gasoline, unleaded	Good	Fair
Glutaraldehyde <5%	Good	Good
Glycerine	Excellent	Excellent
Glycerophtalic paint	Excellent	Not recommended
Glycols	Excellent	Excellent
Hairdressing bleaches	Excellent	Excellent

CHEMICAL	GLOVE MATERIAL	
	NITRILE	LATEX
Heptanes	Excellent	Fair
Hexamethyldisiloxane	Good	Fair
Hexane	Excellent	Not recommended
Household Detergents	Good	Excellent
Hydraulic fluid: Esters	Excellent	Excellent
Hydraulic fluid: Petrol	Excellent	Not recommended
Hydrazine	Excellent	Fair
Hydrochloric acid <30%	Good	Excellent
Hydrochloric acid 30-70%	Good	Good
Hydrofluoric acid <50%	Excellent	Excellent
Hydrogen peroxide	Excellent	Fair
Isobutanol: isobutylic alcohol	Excellent	Good
Isobutylcetone	Not recommended	Excellent
Isooctane	Excellent	Fair
Isopropyl alcohol	Excellent	Excellent
Isopropylamine	Good	Good
Jet fuel <30% aromatics 73-248C	Good	Good
Kerosene	Excellent	Not recommended
Lactic acid 85%	Good	Good
Lard oil	Excellent	Not recommended
Lauric acid	Good	Good
Linseed oil	Excellent	Not recommended
Lubricating oil	Excellent	Not recommended
Magnesium oxide	Excellent	Excellent
Malathion 30-70%	Excellent	Excellent
Maleic acid	Good	Good
Methanol: methyl alcohol	Excellent	Fair
2-Methoxyethanol	Excellent	Fair
Methyl acetate	Fair	Fair
Methyl ethyl ketone	Not recommended	Good
Methyl isobutyl ketone	Not recommended	Good
Methyl methacrylate	Fair	Fair
Methylamine	Excellent	Good
Methylaniline	Excellent	Fair
Methylene chloride	Fair	Not recommended
Milk & dairy products	Excellent	Fair
Mineral fats	Excellent	Not recommended
Monochlorobenzene	Not recommended	Fair
Monoethanolamine	Excellent	Excellent
Naphta: white spirit <3% aromatics	Excellent	Fair

1220 Graphite Dr. Corona, CA 92879 Ph. 951-582-0890 Fx. 951-582-0990

Chemical Resistance Chart

CHEMICAL	GLOVE MATERIAL	
	NITRILE	LATEX
Naphta: white spirit 15-20% aromatics	Excellent	Fair
Naphtalene	Good	Not recommended
n-Amyl acetate	Fair	Fair
n-Butanol: butylic alcohol	Excellent	Good
n-Butyl acetate	Fair	Fair
n-Butyl alcohol	Excellent	Excellent
Nitric acid <30%	Excellent	Excellent
Nitric acid 30-70%	Fair	Good
Nitrobenzene	Fair	Good
Nitroethane	Fair	Excellent
Nitrohydrochloric acid	Fair	Not recommended
n-Methyl-2-Pyrrolidone	Fair	Excellent
n-Nitrosodiethylamine	Fair	No Information
1-Nitropropane	Fair	Good
2-Nitropropane	Fair	Fair
Non alcoholic beverages	Excellent	Excellent
n-Propyl alcohol	Excellent	Excellent
Octane	Excellent	Excellent
Octanol: octyl alcohol	Excellent	Excellent
Oils for turbines	Excellent	Not recommended
Oleic acid	Excellent	Good
Olive oil	Excellent	Not recommended
Oxalic acid	Excellent	Excellent
Palmitic acid	Excellent	Fair
Paraffin oil	Excellent	Not recommended
Peanut oil	Excellent	Not recommended
Pentachlorophenol	Good	Fair
Pentane	Excellent	Fair
Perchlorethylene	Good	Fair
Perchloric acid 30-70%	Excellent	Fair
Perfumes & essences	Excellent	Excellent
Peroxyacetic acid	Fair	Fair
Petrol	Excellent	Not recommended
Petrolium ethers: 80-110C	Good	Fair
Petrolium products	Good	Not recommended
Phenol: phenic alcohol	Fair	Good
Phenol: phenic alcohol >70%	Excellent	Fair
Phosphoric acid 75%	Excellent	Good
Picric acid	Excellent	Good
Polychlorinated biphenyls: bcp	Good	Fair

CHEMICAL	GLOVE MATERIAL	
	NITRILE	LATEX
Polyester resins	Good	Not recommended
Potassium bicarbonate	Excellent	Excellent
Potassium bichromate	Excellent	Fair
Potassium carbonate	Excellent	Excellent
Potassium carbonate conc.	Excellent	Good
Potassium chloride	Excellent	Excellent
Potassium cyanide	Excellent	Excellent
Potassium hydroxide	Excellent	Good
Potassium iodide	Excellent	Excellent
Potassium nitrate	Excellent	Excellent
Potassium permanganate	Excellent	Excellent
Potassium phosphate	Excellent	Excellent
Potassium sulphate	Excellent	Excellent
Poultry	Excellent	Fair
Propyl acetate	Fair	Fair
Pyridine	Fair	Fair
Setting agents	Excellent	Excellent
Shampoos	Excellent	Excellent
Silicate	Excellent	Excellent
Silicone etch	Fair	Fair
Silver nitrate	Good	Excellent
Sodium bicarbonate	Excellent	Excellent
Sodium carbonate	Excellent	Excellent
Sodium chloride	Excellent	Excellent
Sodium fluoride	Excellent	Excellent
Sodium hydroxide 30-70%	Excellent	Excellent
Sodium hypochloride	Excellent	Excellent
Sodium hypochlorite	Excellent	Excellent
Sodium nitrate	Excellent	Excellent
Sodium phosphates	Excellent	Excellent
Sodium sulphate	Excellent	Excellent
Sodium thiosulfate	Excellent	Excellent
Soldium bisulphate	Excellent	Excellent
Soya bean oil	Excellent	Not recommended
Styrene	Fair	Not recommended
Sulphites: bi and hypo	Excellent	Excellent
Sulphuric acid <30%	No Information	Excellent
Sulphuric acid >70%	Fair	Fair
Sulphuric acid 30-70%	Fair	Excellent
Tannic acid	Good	Good

1220 Graphite Dr. Corona, CA 92879 Ph. 951-582-0890 Fx. 951-582-0990

Chemical Resistance Chart

CHEMICAL	GLOVE MATERIAL	
	NITRILE	LATEX
THF: Tetrahydrofurane	Fair	Not recommended
Toluene	Good	Not recommended
Toluene-2,4-Diisocyanate: TDI	Fair	Fair
Tributylphosphate	Not recommended	Not recommended
Trichlorethylene	Fair	Not recommended
Tricresyl phosphate	Good	Good
Triethanolamine 85%	Excellent	Excellent
Trinitrobenzine	Good	Not recommended
Trinitrotoluene	Good	Not recommended
Triphenylphosphate	Fair	Not recommended
Turnipseed oil	Excellent	Not recommended
Turpentine	Excellent	Not recommended
Turpentine spirit	Excellent	Not recommended
1,2,4,5- Tetrachlorobenzene	Excellent	No Information
1,1,1,2- Tetrachloroethane	Fair	Fair
1,2,4-Trichlorobenzene	Fair	Fair
1,1,1-Trichloroethane	Fair	Fair
1,1,2-Trichloroethane	Fair	Fair
Vinegar & condiments	Excellent	Excellent
Vinyl acetate	Fair	Not recommended
Washing powders	Excellent	Excellent
Water paints	Excellent	Excellent
Weedkillers	Excellent	Good
Xylene	Good	Not recommended
Xylophene	Good	Not recommended
Zinc sulphate	Excellent	Excellent

1220 Graphite Dr. Corona, CA 92879 Ph. 951-582-0890 Fx. 951-582-0990