CSM BOX GLOVES



PRODUCT FEATURE

- Manufactured with advanced transfer molding to provide excellent physical properties and targeted reinforcement in high-wear zones.
- Environmentally friendly and solvent-free production.
- Made of Chlorosulfonated Polyethylene (CSM).
- Outstanding resistance to acids, alkalis, solvents and oils.
- Excellent ozone, UV and high temperature resistance.
- High durability plus ideal dexterity and comfort.

FIELD OF APPLICATION

Pharmaceutical, Chemical, Nuclear, Food Processing
Bioscience Industries, Hospital & Research Applications.

Category III | EN 388:2016 | EN 374-1TypeA | EN 374-5 | EN 421

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TECHNICAL INFORMATION

Technology	Transfer Molding	**Certification**	EN 388, EN 374-1, EN 374-5, EN 421
Basic Material	CSM	**Color**	White
Palm Feature	Ambidextrous	**Surface Finish**	Smooth
Cuff Style	Transfer Molded Rolled Bead	**Applicable Temperature**	-30℃ ~121℃
Thickness	0.4mm, 0.6mm	**Length**	800mm
Port Size	6'', 7'', 8'', 9'', 10'', 12''	**Hand Size**	10#
Cleaning	Sterilizable by Autoclaving and Hydrogen Peroxide	**Shelf Life**	36 months
Packaging	Each piece vacuum-sealed in a plastic bag	**Case Pack**	10 Pairs / Box
Manufacturer	East Rock	**Country Of Origin**	China
Function	Resistant to chemical, oil, UV and ozone		

COMPREHENSIVE PERFORMANCE

Test Standard	Test Method	Level	Test Result
EN ISO 374-2:2019	Air Leak Test	Pass	No Leakage
EN ISO 374-2:2019	Water Leak Test	Pass	No Leakage
EN ISO 374-5:2016	Protection Against Viruses	Pass	Pass
EN ISO 21420:2020	PAH Content	Pass	Not Detected
EN ISO 21420:2020	Dexterity	5	5mm

MECHANICAL PERFORMANCE

Test Standard	Test Method	Level	Test Result
EN 388:2016+A1:2018 EN 388:2016 	Abrasion Resistance	4	≥8000 Cycles
	Blade Cut Resistance	1	≥1.5
	Tear Resistance	2	≥28 N
	Puncture Resistance	1	≥55 N
ASTM D412-16(2021)	Tensile Strength And Elongation After Aging	Aging Condition: 120℃ , 24 Hours	23.0 Mpa, 508%
	Tensile Strength And Elongation After Aging	Aging Condition: 120℃ , 72 Hours	19.8 Mpa, 511%

CHEMICAL PERFORMANCE

Test Standard	Test Method	Level	Test Result
EN ISO 374-3 (EN 16523-1:2015+A1:2018) Against Permeation EN ISO 374-1 Type A 	A: Methanol 67-56-1	Grade 6	>480 min
	C: Acetonitrile 75-05-8	Grade 6	>480 min
	J: n-Heptane 142-82-5	Grade 4	>120 min
	K: Sodium Hydroxide 40 % 1310-73-2	Grade 6	>480 min
	L: Sulphuric Acid 96 % 7664-93-9	Grade 6	>480 min
	M: Nitric Acid 65 % 7697-37-2	Grade 6	>480 min
	N: Acetic Acid 99 % 64-19-7	Grade 6	>480 min
	O: Ammonium Hydroxide 25% 1336-21-6	Grade 6	>480 min
	P: Hydrogen Peroxide 30% 7722-84-1	Grade 6	>480 min
	S: 40% Hydrofluoric acid 7664-39-3	Grade 6	>480 min
	T: Formaldehyde 37% 50-00-0	Grade 6	>480 min
EN ISO 374-4 Resistance To Degradation By Chemicals	**Chemical**	**Observation**	**Test Result**
	A: Methanol 67-56-1	No Visible Damage	+0.3%
	C: Acetonitrile 75-05-8	No Visible Damage	+15.8%
	J: n-Heptane 142-82-5	No Visible Damage	+17.2%
	K: Sodium Hydroxide 40 % 1310-73-2	Showed Colour Change	-25%
	L: Sulphuric acid 96 % 7664-93-9	No Visible Damage	+7%
	M: Nitric acid 65 % 7697-37-2	Showed Colour Change	+9.2%
	N: Acetic acid 99 % 64-19-7	No Visible Damage	-4.7%
	O: Ammonium Hydroxide 25% 1336-21-6	No Visible Damage	+19.8%
	P: Hydrogen peroxide 30% 7722-84-1	No Visible Damage	-6.8%
	S: 40% Hydrofluoric acid 7664-39-3	No Visible Damage	-51.86%
	T: Formaldehyde 37% 50-00-0	No Visible Damage	-17.3%