EPDM 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
- Food grade materials, made of Ethylene Propylene Diene Rubber (EPDM).
- Excellent resistance to most acids, alkalis, and salts.
- Superior ozone and weather resistance.
- High durability plus ideal dexterity and comfort.

FIELD OF APPLICATION

Chemical Industry, Pharmaceutical Industry, Life Sciences,
Food Processing Industry, Electronics Industry, Nuclear Industry.



TECHNICAL INFORMATION

Technology	Transfer Molding	**Certification**	EN 388, EN 374-1, EN 374-5, EN 421, FDA
Basic Material	EPDM	**Color**	Black / 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, ozone, and stain		

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 ITEM	LEVEL	TEST RESULT
EN 388:2016+A1:2018 EN 388:2016 	Abrasion Resistance	3	≥3000 Cycles
	Blade Cut Resistance	1	≥1.3
	Tear Resistance	1	≥21 N
	Puncture Resistance	1	≥21 N
ASTM D412-16(2021)	Tensile Strength And Elongation After Aging	Aging Condition: 120℃ , 24 Hours	18.5 Mpa, 676%
	Tensile Strength And Elongation After Aging	Aging Condition: 120℃ , 72 Hours	17.2 Mpa, 631%

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
	K: Sodium Hydroxide 40 % 1310-73-2	Grade 6	>480 min
	L: Sulphuric Acid 96 % 7664-93-9	Grade 6	>480 min
	P: Hydrogen Peroxide 30% 7722-84-1	Grade 6	>480 min
	T: Formaldehyde 37% 50-00-0	Grade 6	>480 min
	M: Nitric Acid 65 % 7697-37-2	Grade 6	>480 min
	S: 40% Hydrofluoric acid 7664-39-3	Grade 6	>480 min
	O: Ammonium Hydroxide 25% 1336-21-6	Grade 5	>240 min
	N: Acetic Acid 99 % 64-19-7	Grade 3	>60 min
	C: Acetonitrile 75-05-8	Grade 2	>30 min
	B: Acetone 67-64-1	Grade 1	>10 min
	I: Ethyl acetate 141-78-6	Grade 1	>10 min
EN ISO 374 Resistance To Degradation By Chemicals	**Chemical**	**Observation**	**Test Result**
	A: Methanol 67-56-1	No Visible Damage	-7.6%
	N: Acetic Acid 99 % 64-19-7	No Visible Damage	-9.6%
	M: Nitric Acid 65 % 7697-37-2	No Visible Damage	+12.6%
	O: Ammonium Hydroxide 25% 1336-21-6	No Visible Damage	+2.2%
	T: Formaldehyde 37% 50-00-0	No Visible Damage	+11.4%
	C: Acetonitrile 75-05-8	No Visible Damage	+7.3%
	K: Sodium Hydroxide 40 % 1310-73-2	No Visible Damage	-6.7%
	L: Sulphuric Acid 96 % 7664-93-9	Showed Colour Change	+11.4%
	P: Hydrogen Peroxide 30% 7722-84-1	No Visible Damage	+4.3%
	B: Acetone 67-64-1	No Visible Damage	-3.2%
	I: Ethyl acetate 141-78-6	No Visible Damage	-5.7%
	S: 40% Hydrofluoric acid 7664-39-3	No Visible Damage	-26.57%