



PORTWEST®

BizTex® Range

BizTex® hazard protective clothing is an industry leading range of certified hazard protection garments that exceed the highest international standards. The BizTex range offers powerful protection against many workplace hazards.

The Science Of Hazard Protection

NOTE: BIZTEX is a registered trademark of Portwest.





ANSI/ISEA 101 2014

The purpose of this standard is to provide minimum size, packaging and labeling requirements for limited-use and disposable coveralls.



EN 13982-1

EN ISO 13982: 2004 Type 5

Dry particle suit (Type 5). This specifies the minimum requirements for chemical protective clothing resistant to penetration by air borne solid particles. Protects against hazardous dust and dry particles.



EN 1149

EN 1149-5:2008

Electrostatic requirements - surface resistivity. This tests for the removal of electrostatic to avoid sparks.



EN 13034

EN 13034: 2005 Type 6

Reduce spray suit (Type 6). Performance requirements for chemical protective clothing offering limited protective performance against liquid chemicals (Type 6 and Type PB [6] equipment).



EN 14126

EN 14126: 2003

This specifies the requirements and test methods for limited use protective clothing providing protection against infective agents.



CHEMICAL PROTECTION

Chemical Protection

Indicates compliance with current European standards for Chemical Protective Clothing.



NUCLEAR PARTICLE

EN 1073-2: 2002

Protective clothing against radioactive contamination. Requirements and test methods for non-ventilated protective clothing against particulate radioactive contamination.

PHYSICAL FABRIC TEST

The fabric used in these garments is designated BizTex SMS fabric and BizTex Microporous fabric.

			BizTex SMS FABRIC CLASS	BizTex MICROPOROUS FABRIC CLASS
Abrasion Resistance	EN530	Class 1 (min) - 6 (max)	1	2
Flex Cracking Resistance	ISO 7854 B		4	5
Trapezoidal Tear Resistant	ISO 9073-4 MD	Class 1 (min) - 5 (max)	1	3
	ISO 9073-4 XD	Class 1 (min) - 5 (max)	2	1
Tensile Strength	ISO 13934-1 MD	Class 1 (min) - 5 (max)	2	1
	ISO 13934-1 XD	Class 1 (min) - 5 (max)	1	3
Resistance To Ignition	EN13274-4		Pass	Pass
Puncture Resistance	EN863	Class 1 (min) - 3 (max)	1	1
Stream Strength	ISO 13935-2	Class 1 (min) - 5 (max)	4	3

CHEMICAL FABRIC TESTS

Resistance To Chemical Penetration EN368	BizTex SMS FABRIC		BizTex MICROPOROUS FABRIC	
	Repellency Class	Penetration Class	Repellency Class	Penetration Class
Sulphuric Acid 30% - Class 1 (min) - 3 (max)	3	3	3	3
Sodium Hydroxide 10% - Class 1 (min) - 3 (max)	3	3	3	3
Isopropanol - Class 1 (min) - 3 (max)	0	0	3	3

Industries and Hazards List

ST40	ST30	
✓	✓	Aerospace
✓	✓	Agriculture & Farming
✓	✓	Asbestos Handling
✓		Automotive
✓		Bioengineering
✓	✓	Biological Hazards
✓	✓	Utilities
✓	✓	Chemical Handling
✓	✓	Civil Protection
✓		Clean Room
✓	✓	Construction
✓		Decontamination
✓		Disease/Disaster Management
✓	✓	Painting & Decorating
✓	✓	Electronics
✓	✓	Engineering
✓	✓	Food Processing
✓	✓	Forensic Science
✓		Hazardous Materials
✓	✓	Industrial Clean-Up and Maintenance
✓	✓	Janitorial
✓	✓	Medical
✓		Military
✓	✓	Nuclear Industry
✓		Oil/Grease-Related Environments
✓		Oil & Gas
✓		Paint Handling/Isocyanate
✓	✓	Pharmaceutical
✓	✓	Police
✓		Printing
✓	✓	Powder Coating
✓	✓	Roof Insulation
✓	✓	Slaughterhouse
✓	✓	Veterinary Services
✓	✓	Warehousing
✓		Waste Management