

# THE NEW STANDARD FOR PUNCTURE RESISTANCE

Majestic PowerCut® gloves made with patented Alycore™ offers cut, puncture and needle resistance like no other product has before. Composed mostly of super-thin threads of iron and carbon, Alycore™ is lightweight, flexible, breathable, recyclable, and washable while providing ultimate protection.

**POWERCUT®**  
with Alycore™



25 gauge needle buckling



25 gauge needle failure

Alycore Layers	ANSI 105-2016							EN 388:2016					
	Hypodermic Needle Test ASTM F2878-10				TDM Cut Test F2292-15			Puncture Resistance Test ANSI			Puncture Resistance Test EN 388		
	Peak Force in Lbs	Peak force in Newtons	ANSI Level	25 Gauge Needle	Grams	Lbs	ASTM Level	Lbs	Newtons	Puncture Level	Lbs	Newtons	EN 388 Performance Level
1	0.51	2.27	1	Penetration	1933	4.3	A4	3.56	15.84	1	3.56	15.84	0
2	1.14	5.07	2	Penetration	3866	8.5	A6	6.61	29.41	2	6.61	29.41	1
3	1.9	8.46	4	Penetration	5799	12.8	A8	9.64	42.90	2	9.64	42.90	1
4	2.12	9.43	4	Penetration	7732	17.0	A9	12.91	57.45	2	12.91	57.45	1
5	3.25	14.46	5	Penetration	9665	21.3	A9	13.52	60.16	3	13.52	60.16	2
6	3.19	14.20	5	No Penetration	11598	25.6	A9	17.56	78.14	3	17.56	78.14	2
7	3.36	14.95	5	No Penetration	13531	29.8	A9	20.66	91.94	3	20.66	91.94	2
8	3.31	14.73	5	No Penetration	15464	34.1	A9	22.39	99.64	3	22.39	99.64	2
9	3.25	14.46	5	No Penetration	17397	38.4	A9	25.95	115.48	4	25.95	115.48	3
10	3.36	14.95	5	No Penetration	19330	42.6	A9	29.78	132.52	4	29.78	132.52	3

The testing herein is based upon accepted industry practice as well as the test methods listed. Test results reported herein do not apply to samples other than those tested. We do not accept responsibility or make claim as to the final use and purpose of the material.



RELIABILITY IN SAFETY

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