

**ASTM F903-10 Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration
by Liquids, Procedure A - Eclipse fabric**

Challenge Chemical	Replicate	Average Sample Thickness (mm)	Test Temperature (°C)	Results after		Final Results
				5 min @ 0 psig	10 min @ 2 psig	
Acetone	1	0.424	23.0	Pass	Pass	Pass
	2	0.421		Pass	Pass	
	3	0.436		Pass	Pass	
Acetonitrile	1	0.429	23.1	Pass	Pass	Pass
	2	0.453		Pass	Pass	
	3	0.429		Pass	Pass	
Carbon disulfide	1	0.432	22.2	Pass	Pass	Pass
	2	0.459		Pass	Pass	
	3	0.463		Pass	Pass	
Dichloromethane	1	0.442	22.1	Pass	Pass	Pass
	2	0.450		Pass	Pass	
	3	0.432		Pass	Pass	
Diethylamine	1	0.462	22.0	Pass	Pass	Pass
	2	0.426		Pass	Pass	
	3	0.425		Pass	Pass	
Ethyl acetate	1	0.426	22.7	Pass	Pass	Pass
	2	0.434		Pass	Pass	
	3	0.439		Pass	Pass	
n-Hexane	1	0.459	22.7	Pass	Pass	Pass
	2	0.441		Pass	Pass	
	3	0.437		Pass	Pass	
Methanol	1	0.459	22.2	Pass	Pass	Pass
	2	0.470		Pass	Pass	
	3	0.439		Pass	Pass	
Nitrobenzene	1	0.469	22.3	Pass	Pass	Pass
	2	0.452		Pass	Pass	
	3	0.459		Pass	Pass	
Sodium hydroxide	1	0.470	23.1	Pass	Pass	Pass
	2	0.427		Pass	Pass	
	3	0.436		Pass	Pass	
Sulfuric acid, 93%	1	0.438	23.1	Pass	Pass	Pass
	2	0.433		Pass	Pass	
	3	0.429		Pass	Pass	
Tetrachloroethylene	1	0.476	23.0	Pass	Pass	Pass
	2	0.481		Pass	Pass	
	3	0.484		Pass	Pass	
Tetrahydrofuran	1	0.425	23.2	Pass	Pass	Pass
	2	0.491		Pass	Pass	
	3	0.490		Pass	Pass	
Toluene	1	0.475	23.2	Pass	Pass	Pass
	2	0.477		Pass	Pass	
	3	0.476		Pass	Pass	
Hydrofluoric acid, 48%	1	0.446	23.5	Pass	Pass	Pass
	2	0.474		Pass	Pass	
	3	0.469		Pass	Pass	

* Testing finalized 7 October 2015

Detailed test results available upon request