How would you like to improve the safety of your bunker gear and greatly reduce the material degradation caused by traditional washing and drying?

Fire fighters across North America enjoy the benefits of dry, sanitized gear using the Fresh Gear Cyclone chemical-free dry cleaning machine. It simultaneously dries and sanitizes one full set of bunker gear, boots, gloves and helmet.
But does it harm the gear?

As the test results conducted by Intertek (an industry-leading, internationally recognized laboratory) show below, there is absolutely **NO WEAR AND TEAR** of interior, exterior shell and vapor barrier after putting the bunker gear through the Fresh Gear process 10 times! Thus simulating actual usage in a typical fire station.

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APPENDIX
ASTM F1060-08
CONDUCTIVE HEAT

Before Fresh Gear process

PRODUCT DESCRIPTION: Jacket Material w/Vapor Barrier

CONDITIONING: In accordance with ASTM D 1776 at a temperature 21°C ± 3°C (70°F ± 5°F) and a relative humidity of 65% ± 5% until equilibrium is reached or for at least 24 hours, whichever is shorter.

SAMPLE TYPE: Jacket Material w/Vapor Barrier Composite

CONDITIONING: 120°F oven for 4 hours and then exposed to a standard atmosphere for textile testing at a temperature of 70 ± 2°F and a relative humidity of 65 ± 2% for at least 4 hours.

EXPOSURE TEMP.: 280° C **CONTACT PRESSURE (psi):** 0.5

SAMPLE NO.	1	2	3	4	5	AVG.
SAMPLE THICKNESS (mils)	120	117	124	118	117	119
SAMPLE WEIGHT (g)	15.17	15.67	15.90	15.54	15.24	15.50
TIME TO PAIN (sec)	7.6	7.4	7.2	8.5	7.4	7.6
TIME TO SECOND-DEGREE BURN (sec)	18.5	17.8	18.0	17.8	17.6	17.9

See the next page for the results AFTER applying the Fresh Gear process...

APPENDIX
ASTM F1060-08
CONDUCTIVE HEAT

After Fresh Gear process

PRODUCT DESCRIPTION: Jacket Material w/Vapor Barrier

CONDITIONING: In accordance with ASTM D 1776 at a temperature 21℃ ± 3℃ (70℉ ± 5℉) and a relative humidity of 65% ± 5% until equilibrium is reached or for at least 24 hours, whichever is shorter.

SAMPLE TYPE: Jacket Material w/Vapor Barrier Composite

CONDITIONING: 120^{0}F oven for 4 hours and then exposed to a standard atmosphere for textile testing at a temperature of 70 ± 2^{0}F and a relative humidity of 65 ± 2% for at least 4 hours.

EXPOSURE TEMP.: 280^0 C **CONTACT PRESSURE (psi):** 0.5

SAMPLE NO.	1	2	3	4	5	AVG.
SAMPLE THICKNESS (mils)	115	116	110	112	112	113
SAMPLE WEIGHT (g)	15.68	15.84	16.01	15.73	16.06	15.86
TIME TO PAIN (sec)	7.3	8.2	7.9	7.0	7.0	7.5
TIME TO SECOND-DEGREE BURN (sec)	18.4	20.0	18.3	18.5	18.4	18.7

Contact us for a copy of the full report or to discuss how the Fresh Gear Cyclone can keep your firefighters safe from bacterial infection while getting the most out of your financial investment by extending the life of your bunker gear.

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