



**Overview of NFPA 1971-2007, Standard on Protective Ensembles
 for Structural Fire Fighting and Proximity Fire Fighting
 vs.
 EN 469 (2005), Protective clothing for firefighters, Performance
 requirements for protective clothing for firefighting.**

Garment Area	Requirement	NFPA 1971-2007	EN 469(2005)
Outer Shell	Flame Resistance	Required	Required as composite
	Heat and thermal Resistance	10% (500°F-260°C)	5% (355°F-180°C)
	Cleaning Shrinkage	5%	3%
	Charring	Required	
	Tensile Strength	Required	Required
	Water absorption	Required	Required
Moisture Barrier (Moisture barrier is OPTIONAL in EN 469)	Flame Resistance	Required	Required as composite
	Heat and thermal Resistance	10% (500°F-260°C)	5% (355°F-180°C)
	Cleaning Shrinkage	5%	3%
	Water penetration	Required	Required
	Liquid penetration	Required	Required
	Viral penetration	Required	
	Tear Strength	Required	
Thermal Liner	Flame Resistance	Required	Required as composite
	Heat and thermal Resistance	10% (500°F-260°C)	5% (355°F-180°C)
	Cleaning Shrinkage	5%	3%
	Tear Strength	Required	
Complete composite	Total Heat Loss (THL)	Required	As Evaporative transfer of the moisture barrier
	Thermal protective performance (TPP)	Required	
	Heat transfer index		Required
	Radiant Heat		Required
Seams	Breaking Strength	Required	Required
Thread	Melting	Required	
Trim	Reflection	Required	
	Fluorescence	Required	
Hardware	Heat resistance	Required	
	Corrosion resistance	Required	
Labels	Legibility	Required	
	Durability	Required	
Drag rescue device		Mandatory	

This document highlights some of the differences between NFPA 1971-2007 and EN 469(2005) and doesn't constitute a complete and exhaustive analysis. This information is provided to the best of our knowledge and without any warranties on its completeness or accuracy.