



TESTING & CERTIFICATION FOR FINC PRODUCTS

(Definitions: AFT (AF Tech USA Ltd); FAR (Federal Aviation Regulations); FAA-DER (Designated Engineering Representative); PPE: Personal Protection Equipment, incl garments)

Standard/Certification	Description	Material	AFT Compl	3rd Party Compl
UL 723/ASTM E84: FINC40S Classification at Component Level; UL Mark	Flame Spread & Smoke Development	Red Oak	UL Northbrook, IL	
FDNY Certificate of Approval	Drapery	100% Cotton 100% Silk	Vartest test reports	
ASTM E84: applications in many industries	Flame Spread & Smoke Develop	Red Oak	Govmark, NY	
NFPA 701 Test I Drapery	Flame Spread, Drip Burn Weight Loss	100% Cotton 100% Silk	Vartest Laboratories	
ASTM D6413; required by NFPA 2112 for PPE	Vertical Burn	100% Cotton	Vartest NYC	
ATSTM F2700-08 required by NFPA 2112 for PPE	Heat Transfer Performance (HTP)	100% Cotton	Vartest NYC	
ASTM D3776, Companion Test to F2700	Fabric Weight	100% Cotton	Vartest NYC	
ASTM D1777, Opt 1 Companion Test to F2700	Fabric Thickness	100% Cotton	Vartest NYC	
FAR 25.853a FAA required for Aircraft Seating	Extinguish Time, Burn Length, Drip Exting Time	Leather, Upholstery Fabrics	On Leather: (FAA- DER) CC Aviation, White Lake, MI	Upholstery Fabrics (Schneider for AFT)
MVSS 302 Motor Vehicle Interiors	Multiple Burn Requirements	Leather, Upholstery	On Leather	Upholstery Fabrics (Schneider for AFT)
CAL TB 117 (UFAC Class1, & NFPA 260) Upholstery	Cigarette Burn	Multiple		Leather, Upholstery Fabrics (Schneider)
ASTM E84 Walls, Ceilings	Flame Spread & Smoke Develop	Leather		Leather (MGM)
NFPA 701 UL Verification Testing on three Drapery fabrics	Flame Spread, Drip Burn Weight Loss	100% cotton; 100% linen; 55/45 cot/lin	UL Verification Test for all three fiber contents	
CAL TB 117 (UFAC Class1, & NFPA 260)	Cigarette Burn	Upholstery, Cotton Velvet	UL Verification Test	



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Daphnia Magna Toxicity	48 Hr LC50	Planktonic Crustaceans	Nautilus Env	
Raphidocelis Subcapitata Toxicity	72 Hr Growth	Fresh Water Alga	Nautilus Env	
Lemna Minor Toxicity	7 Day Growth	Fresh Water Macrophyte	Nautilus Env	
Rainbow Trout Toxicity	96 Hr LC50	Rainbow Trout	Nautilus Env	
Eye Irritation	4 Day Draize Method	Rabbits	Product Safety Labs	
Skin Irritation	7 Day	Rabbits	Product Saftey Labs	