FIRESTAR LAYER OPTIONS 1/2

NO	NAME	OUTER LAYER	MOISTURE BARRIER	HEAT BARRIER
EN469:2020 LEVEL 2 X2,Y2,Z2				
033	FIRESTOP	390 - PBI X55 205 g/m² 40% PBI 59% Para - Aramid 1% Antistatic	4003 - Aramid nonwoven laminated to an e - PTFE bicomponent Membrane (165 g/m²)	5000 - Aramid nonwoven quilted to an Aramid/Viscose FR Inner Lining (205 g/m²)
018	MATRIX PLUS	388 - PBI Matrix 205 g/m² 40% PBI 58% Para - Aramid 2% Antistatic	4002 - Aramid nonwoven laminated to an e - PTFE bicomponent Membrane (125 g/m²)	5000 - Aramid nonwoven quilted to an Aramid/Viscose FR Inner Lining (205 g/m²)
041	PANO PLUS	387 - PBI Gold 205 g/m² 40% PBI 58% Para - Aramid 2% Antistatic	4002 - Aramid nonwoven laminated to an e - PTFE bicomponent Membrane (125 g/m²)	5000 - Aramid nonwoven quilted to an Aramid/Viscose FR Inner Lining (205 g/m²)
046	ECO	386 - Fire Resist 195 g/m² 75% Meta - Aramid 23% Para - Aramid 2% Antistatic	4000 - Aramid nonwoven laminated to a PU Membrane (90 g/m²)	5003 - Aramid felt quilted to an Aramid/Viscose FR Inner Lining (250 g/m²)
008	FREE	386 - Fire Resist 195 g/m² 75% Meta - Aramid 23% Para - Aramid 2% Antistatic	4001 - Aramid nonwoven laminated to a PU Membrane (125 g/m²)	5000 - Aramid nonwoven quilted to an Aramid/Viscose FR Inner Lining (205 g/m²)
030	FREE PLUS	386 - Fire Resist 195 g/m² 75% Meta - Aramid 23% Para - Aramid 2% Antistatic	4002 - Aramid nonwoven laminated to an e - PTFE bicomponent Membrane (125 g/m²)	5000 - Aramid nonwoven quilted to an Aramid/Viscose FR Inner Lining (205 g/m²)
039	FREE PLUS RIPSTOP	392 - Fire Resist Ripstop195 g/m² 75% Meta - Aramid 23% Para - Aramid 2% Antistatic	4002 - Aramid nonwoven laminated to an e - PTFE bicomponent Membrane (125 g/m²)	5000 - Aramid nonwoven quilted to an Aramid/Viscose FR Inner Lining (205 g/m²)
045	FREE PLUS ULTRA LIGHT	386 - Fire Resist 195 g/m² 75% Meta - Aramid 23% Para - Aramid 2% Antistatic	4005 - Aramid nonwoven laminated to an e - PTFE bicomponent Membrane (90 g/m²)	5008 - Aramid nonwoven quilted to an Aramid/Viscose FR Inner Lining (175 g/m²)
047	NEPTUN PLUS	444 - Poseidon 200 g/m² 79% Meta - Aramid 20% Para - Aramid 1% Antistatic	4002 - Aramid nonwoven laminated to an e - PTFE bicomponent Membrane (125 g/m²)	5000 - Aramid nonwoven quilted to an Aramid/Viscose FR Inner Lining (205 g/m²)
077	KAMA PLUS	507 - Kama 215 g/m² 40% Meta - Aramid 58% Para - Aramid 2% Antistatic	4002 - Aramid nonwoven laminated to an e - PTFE bicomponent Membrane (125 g/m²)	5000 - Aramid nonwoven quilted to an Aramid/Viscose FR Inner Lining (205 g/m²)

EN 469 This European Standard specifies minimum RHTI12 level of performance requirements for protective clothing to be worn during firefighting operations and associated activites such as rescue work, assistance during disasters. This European Standard covers general clothing design, minimum performance levels of the materials used and methods of test to be used to determine these performance levels. Firefighting Garments shall provide protection for the firefighters torso, neck, arms to the wrists, and leg to ankles during the activites. EN 469 Level 2 is the higher requirement for structural firefighting and is used by professional firefighters. Level 2 suits should include a waterproof moisture barrier.

X2 = Convective heat HTI24 ≥ 13s and HTI24 - HTI12 ≥ 4s

Radiant heat RHTI24 ≥ 18s and RHTI24 - RHTI12 ≥ 4s

Y2 = Water resistance ≥ 20 kPa

Z2 = Water vapour resistance ≤ 30 m² Pa/W

NO	NAME	OUTER LAYER	MOISTURE BARRIER	HEAT BARRIER
EN469:2020 LEVEL 2 X2,Y2,Z2				
049	ARMOR PLUS	511 - Armor 195 g/m² 38% Meta - Aramid 60% Para - Aramid 2% Antistatic	4002 - Aramid nonwoven laminated to an e - PTFE bicomponent Membrane (125 g/m²)	5000 - Aramid nonwoven quilted to an Aramid/Vickose FR Inner Lining (205 g/m²)
097	ARMOR STOP	511 - Armor 195 g/m² 38% Meta - Aramid 60% Para - Aramid 2% Antistatic	4003 - Aramid 3D nonwoven laminated to an e - PTFE bicomponent Membrane (165 g/m²)	5000 - Aramid nonwoven quilted to an Aramid/Viscose FR Inner Lining (205 g/m²)
085	BOMBA	392 - Fire Resist Ripstop195 g/m² 75% Meta - Aramid 23% Para - Aramid 2% Antistatic	4003 - Aramid 3D nonwoven laminated to an e - PTFE bicomponent Membrane (165 g/m²)	5000 - Aramid nonwoven quilted to an Aramid/Viscose FR Inner Lining (205 g/m²)
086	BOMBA DUO	392 - Fire Resist Ripstop195 g/m² 75% Meta - Aramid 23% Para - Aramid 2% Antistatic	4003 - Aramid 3D nonwoven laminated to an e - PTFE bicomponent Membrane (165 g/m²)	5011 - Double layer aramid nonwoven quilted to an Aramid/Viscose FR Inner Lining (260 g/m²)
091	FIRESAFE	525 - PBI Y55 205 g/m² 40% PBI 59% Para - Aramid 1% Antistatic	4003 - Aramid 3D nonwoven laminated to an e - PTFE bicomponent Membrane (165 g/m²)	5000 - Aramid nonwoven quilted to an Aramid/Viscose FR Inner Lining (205 g/m²)
076	PROLITE PLUS	572 - PBI Peak 5 180 g/m² 40% PBI 58% Para - Aramid 2% Antistatic	4003 - Aramid 3D nonwoven laminated to an e - PTFE bicomponent Membrane (165 g/m²)	5010 - Aramid Spunlaced Nonwoven Quilted to Slider Inner Lining (205 g/m²)

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