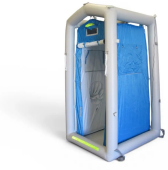


FIRST RESPONDER DECON SHOWERS

All FSI® DAT® Series decon showers comply with ANSI/ISEA 113: American National Standard for Fixed and Portable Decontamination Shower Units.

Single stall systems engineered for rapid on-scene decon of an individual firefighter, officer, or patient in turnout gear or PPE. Self-contained, fully integral systems that inflate in seconds.

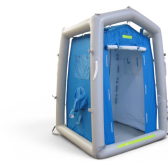


SINGLE LINE · SINGLE STAGE

DAT®1010S

Dimensions (all approx.): 3.5' W × 3.5' L × 8' H (1 × 1 × 2.45 M) · 12 sq. ft. (1.1 M²) · 65 lbs. (29 Kg) · Carton: 28" × 25" × 19" (70 × 63 × 48 cm)

Compact single stall for one patient/victim; decon can commence in under 60 seconds. 7 spray nozzle heads plus a 5' (1.5 M) coiled ½" (13 mm) hose with multi-function spray gun; approx. 1 gpm (4 lpm) per shower head/trigger gun. Integral floor with 8"/20 cm berm holds 50 gal. (200 L) before pump out is required.

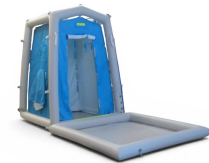


SINGLE LINE · SINGLE STAGE

DAT®2020S

Dimensions (all approx.): 7' W × 7' L × 8' H (2.13 × 2.13 × 2.43 M) · 50 sq. ft. (4.7 M²) · 90 lbs. (40 Kg)

Full size, one-person first responder portable hazmat decon shower system. 7 spray nozzle heads and one multi-function trigger gun. Integral floor with 8"/20 cm berm holds up to 100 gal. (400 L) before pump out is required. Ideal for firefighter gross decon immediately after exiting the fire scene and prior to removal of any PPE.



POOL ADD-ON

DAT®2020S-EX6P

Dimensions (all approx.): 7' × 7' × 8" H pool

Fully integrated add-on decon pool built into the front entry area of the DAT2020S decon shower — for decon of boots, first responders, and equipment.



SHOWER + FOOT POOL CONTAINMENT

DAT®202046S

Dimensions (all approx.): Central 7' × 7' shower + 3 × 6' × 6' decon pools

Fully integral shower and foot pool system: a central DAT®2020S shower complete with 3 attached DAT®668 decon pools (1 on one side, 2 on the other), 3 color-coded DAP®668-DIL disposable liners, and 4 F-RREG roll-out elevation grids of approx. 4' × 4'.

INFLATION

These professional decon systems can be inflated either with high pressure air from an SCBA/scuba tank, with an electric inflator, or with compressed air from any available source. Simply inflate the unit and plug into a water supply.

MASS CASUALTY DECON SHOWERS — SINGLE & 2 LINE

All FSI® DAT® Series decon showers comply with ANSI/ISEA 113: American National Standard for Fixed and Portable Decontamination Shower Units.



MASS CASUALTY · SINGLE LINE · 3 STAGE

DAT®2525S

Dimensions (all approx.): 7' W × 13' L × 8' H (2.13 × 3.95 × 2.43 M) · stages 4' / 5' / 4' L

Handles a single line of ambulatory casualties in three sequential stages — undress, shower, redress — processing three at a time, one in each stage. Middle shower stage includes 9 shower heads as standard, including 2 hanging coiled ½"/13 mm hose lines with multi-function trigger guns. Deploys in under two minutes.



MASS CASUALTY · SINGLE LINE · NON-AMBULATORY

DAT®2575S

Dimensions (all approx.): 7' W × 21' L × 8' H · 147 sq. ft. · 235 lbs. · pool capacity approx. 210 gal.

6' undress / 9' shower / 6' redress. The 9' shower stage accommodates an F-RS conveyor and F-MX1 spine board for decon of non-ambulatory patients as well as ambulatory personnel. 6 spray nozzles and 2 trigger guns with coiled hoses.

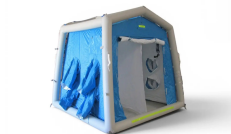


MASS CASUALTY · SINGLE LINE · STRETCHER

DAT®2626S

Dimensions (all approx.): 7' W × 13' L × 8' H (2.13 × 3.95 × 2.43 M) · stages 3' / 7' / 3' L

Handles ambulatory and/or non-ambulatory casualties; processes three ambulatory at a time or one non-ambulatory victim in the middle shower stage. 8 shower heads as standard with two hanging coiled hose lines. Deploys in under two minutes.



MASS CASUALTY · 2 LINE · NON-AMBULATORY

DAT®3030S

Dimensions (all approx.): 10' W × 10' L × 9' H · 100 sq. ft. · 139 lbs.

Two line shower for 2 non-ambulatory personnel on stretchers with attendants working on either side, 1 non-ambulatory plus two ambulatory, or 4 ambulatory personnel. 12 spray nozzle heads and 4 coiled hose lines with multi-function spray guns — spray patterns and flows meant to gently yet thoroughly drench and decon victims.



MASS CASUALTY · 2 LINE · 3 OR 4 STAGE

DAT®3535S

Dimensions (all approx.): 10' W × 15' L × 9' H (3.03 × 4.55 × 2.73 M) · 150 sq. ft. (13.9 M²) · 230 lbs. (65 Kg)

Undress / detergent shower / rinse shower / redress configuration. Decon 2 to 4 ambulatory personnel, 2 non-ambulatory, or any combination at one time. Each line offers a 4' undress, 7' detergent/rinse shower area, and 4' redress section.

MASS CASUALTY DECON SHOWERS — MULTI LINE

All FSI® DAT® Series decon showers comply with ANSI/ISEA 113: American National Standard for Fixed and Portable Decontamination Shower Units.



MASS CASUALTY · 3 LINE · 3 OR 4 STAGE

DAT®3060S

Dimensions (all approx.): Three lines wide: 4', 5', 4' (1.2 / 1.5 / 1.2 M)

Handles three parallel lines of casualties at the same time in three or four sequential stages — undress, detergent shower #1, rinse shower #2, redress — or 2 personnel in separate showers simultaneously in each lane.



MASS CASUALTY · 4 LINE · 3 OR 4 STAGE

DAT®4070S

Dimensions (all approx.): Four lines wide (43.5"/1.1 M per line)

Handles four parallel lines of casualties in three or four sequential stages. Deploys in under three minutes; processes four non-ambulatory patients on stretchers or up to 8 ambulatory personnel at a time, or any combination of the above.



MASS CASUALTY · 5 LINE · 3 OR 4 STAGE

DAT®4099S

Dimensions (all approx.): Five lines wide (36"/0.92 M per line)

Handles five parallel lines of casualties at the same time in three or four sequential stages, or 2 personnel in separate showers simultaneously in each lane. Deploys in 3 – 4 minutes.



RAPID DEPLOY · 2 LINE · 4 STAGE

DAT®6000S

Dimensions (all approx.): 6' undress · 18' shower · 6' redress

Rapid deploy 2 line, 4 stage decon shower. The 18' shower area is divided into two shower stages with privacy as desired. Can handle 2 ambulatory stretchers or 4 personnel.



RAPID DEPLOY · 3 LINE · 4 OR 5 STAGE

DAT®6000S-3L

Dimensions (all approx.): Per line: 6' undress · 18' shower (3 stages) · 6' redress

3 line, 4 stage as standard (5 stage if so ordered): undress / shower / shower / shower / redress. Decon 9 ambulatory personnel, 6 non-ambulatory, or any combination at one time.

EVERY SYSTEM INCLUDES

Electric inflator/deflator with hands free locking inflation adapter and a high-pressure hose and valve w. universal SCBA fitting, safety cord, repair kit, manual, carry bag. Shutoffs and quick disconnects supplied with every group of shower heads and trigger gun.

COMBINATION DECON SHOWER & SHELTER SYSTEMS

All FSI® DAT® Series decon showers comply with ANSI/ISEA 113: American National Standard for Fixed and Portable Decontamination Shower Units.

One system, two missions. Complete outer canopy with removable decon pool, shower fixtures, and curtain lines — convert between a Mass Casualty decon shower and a command or general-use shelter in approx. 5 minutes via the pre-installed plumbing system.



COMBINATION · 2 LINE · 3 OR 4 STAGE

DAT®6100SS

Dimensions (all approx.): 10' W × 15' L × 9' H · 290 lbs. · 150 sq. ft. as shelter

Undress / detergent shower / rinse shower / redress. Decon 2 to 4 ambulatory personnel, 2 non-ambulatory, or any combination at one time. Each line: 4' undress, 7' shower area, 4' redress.



COMBINATION · 3 LINE · 3 OR 4 STAGE

DAT®6120SS

Dimensions (all approx.): 262 sq. ft. as shelter · stages 5' / 5' / 5' / 5' L

Decon 3 to 6 ambulatory, 3 non-ambulatory, or any combination. As a shelter, remove pool, shower heads, and curtains for a complete 262 sq. ft. shelter system with outer canopy and insulating inner canopy.



COMBINATION · 3 LINE · 3 OR 4 STAGE

DAT®6140SS

Dimensions (all approx.): 14.5' W × 23' L × 9' H · 420 lbs. · 333 sq. ft. as shelter

Largest combination system: decon 3 to 6 ambulatory, 3 non-ambulatory, or any combination in undress / detergent shower / rinse shower / redress configuration, then convert to a 333 sq. ft. command or other use shelter in minutes.

ECONOMY DECON SHOWERS

MODEL	DIMENSIONS (APPROX.)	WEIGHT	DESCRIPTION
F-EC-PVCS	4' × 4' × 7' H	85 lbs. (39 Kg)	PVC-U shower with frame and pool of white PVC tubing (assembly required); 5 nozzle head shower w. trigger gun on coiled hose; built-in 4' × 4' × 8" H pool; three-sided fire retardant canopy. Operates 50 – 75 psi. ANSI Z358.1-2014 and ANSI/ISEA 113 compliant. Includes 2' × 2' × 2" H elevation grid.
F-EC-PVCWP	Pool 53" W × 96" L × 12" H	Pool 77 lbs. (35 Kg)	F-EC-PVCS shower complete with PVC tubing framed pool with Velcro-attached HD tarpaulin fabric; the shower stall sits inside the pool. Includes one elevation grid. Packed approx. 36" × 17" × 12".

INTEGRATED DECON POOLS

FSI decon showers are one-piece, fully integrated systems. The decon pools are integral to the unit and permanently attached — when the unit inflates, so too do the air berm decon pools. Place an F-WSP33AA waste pump inside one corner to remove wastewater.

'-SYS' COMPLETE SHOWER SYSTEMS

Every DAT® Series decon shower is available as a fully configured '-SYS' complete system package — the shower plus the accessories required to launch a complete decon operation from a single purchase. '-SYS-LED' packages add LED interior lighting for night and low-light operations.



DAT2020S-SYS-LED COMPLETE SYSTEM PACKAGE



DAT3030S-SYS-LED COMPLETE SYSTEM PACKAGE

AVAILABLE PACKAGES — COMPLETE LIST

DAT1010S-SYS

DAT1010S-SYS-LED

DAT2020S-SYS

DAT2020S-SYS-LED

DAT2525S-SYS

DAT2525S-SYS-LED

DAT3030S-SYS

DAT3030S-SYS-LED

DAT3060S-SYS

DAT3060S-SYS-LED

DAT3060S-SP11/19-TK-SYS-LED

DAT3535S-SYS

DAT3535S-SYS-LED

DAT4070S-SYS

DAT4070S-SYS-LED

DAT4099S-SYS

DAT4099S-SYS-LED

DAT6000S-SYS

DAT6000S-SYS-LED

DAT6000S-3L-SYS

DAT6000S-3L-SYS-LED

F-N02020S-SYS-LED

PROVEN IN SERVICE

In the years since 9/11, decon shower purchases have evolved into complete system acquisitions that include virtually all ancillary items needed to manage a complete decon scenario. FSI® fully configured systems have evolved to meet operational requirements worldwide.

DAT® SERIES PNEUMATIC SHELTERS

Self-contained inflatable shelters from 50 to 1,850 sq. ft. — command posts, field hospitals, rehab, temporary housing, and logistics. Air berms withstand winds up to and exceeding 70 mph when properly set up and secured. All 24 models below; all dimensions approximate.

MODEL	DIMENSIONS	SQ. FT.	LBS.	WINDOWS	SKYLIGHTS	HVAC	STAKES	ROOF LOAD (LBS.)
DAT1530	10' W × 5' L × 9' H	50	68	2	1	1	4	—
DAT2020	7' W × 7' L × 8' H	50	60	2	1	1	4	—
DAT2021	20' W × 21' L × 9' H	420	400	4	2	4	14	2,250
DAT3015	10' W × 15' L × 9' H	150	200	2	2	4	10	1,000
DAT3030	10' W × 10' L × 9' H	100	130	2	2	4	10	1,000
DAT3030 - FFR	10' W × 10' L × 9' H	100	130	—	—	—	—	—
DAT3060	11' W × 21' L × 9' H	230	243	4	2	4	14	1,600
DAT3370	13' W × 17' L × 9' H	221	240	4	2	4	14	1,800
DAT4070	13' W × 23' L × 9' H	300	280	4	2	4	16	2,200
DAT4360	17' W × 21' L × 9' H	357	320	4	2	4	16	2,200
DAT5672	18' W × 24' L × 9' H	432	430	4	2	4	14	2,300
DAT5699	15' W × 30' L × 9' H	450	460	6	3	8	16	2,300
DAT5700SP	22' W × 23' L × 10' H	506	399	4	2	4	14	2,325
DAT5800	20' W × 26' L × 9' H	520	499	4	2	4	14	—
DAT6000	20' W × 30' L × 9' H	600	570	6	3	8	16	2,600
DAT6012	20' W × 40' L × 11' H	800	710	6	3	—	20	4,000
DAT6500	25' W × 26' L × 12.5' H	650	590	4	2	8	14	2,620
DAT6600	20' W × 33' L × 10' H	660	600	6	3	8	16	2,600
DAT6624	20' diameter × 9' H (dome)	400	400	4	2	4	14	2,300
DAT7500	24' W × 40' L × 11' H†	960	925	6	3	8	20	4,800
DAT7600 - HG	25' W × 40' L × 18' H	1000	995	6	3	8	20	4,800
DAT9018	30' W × 50' L × 13' H	1500	1,299	8	4	8	20	4,800
DAT9099	20' W × 75' L × 11' H	1500	1,299	8	4	8	34	4,800
DAT10800	37' W × 50' L × 13' H	1850	1,599	8	4	8	28	4,800

DAT3030-FFR = Firefighter Rehab System: DAT3030 shelter + F-WCAC-M400 combination AC/evaporative chiller (approx. 8,000 BTU equivalent) — supports the OSHA heat-illness requirement of water, rest, and shade. DAT6624 is dome shaped. †DAT7500 height shown per metric conversion (3.3 M); site lists 1' H — verify.

NEGATIVE PRESSURE ISOLATION (-IS) SHELTERS

Every size below ships with double door airlock, full Velcro closure air vents, clear vinyl windows, and HVAC air ducts with tie closures — for infectious disease response, quarantine, and patient isolation. All 20 models; all dimensions approximate.

MODEL	DIMENSIONS	SQ. FT.	LBS.
DAT1530-IS	10' W × 5' L × 9' H	50	78
DAT2020-IS	7' W × 7' L × 8' H	50	70
DAT3015-IS	10' W × 15' L × 9' H	150	210
DAT3030-IS	10' W × 10' L × 9' H	100	140
DAT3060-IS	11' W × 21' L × 9' H	231	260
DAT3370-IS	13' W × 17' L × 9' H	221	260
DAT4070-IS	13' W × 23' L × 9' H	300	290
DAT4360-IS	17' W × 21' L × 9' H	357	340
DAT5699-IS	15' W × 30' L × 9' H	450	480
DAT5700-IS	22' W × 23' L × 10' H	506	420
DAT5800-IS	20' W × 26' L × 9' H	520	519
DAT6000-IS	20' W × 30' L × 9' H	600	590
DAT6012-IS	20' W × 40' L × 11' H	800	730
DAT6500-IS	25' W × 26' L × 12.5' H	650	610
DAT6600-IS	20' W × 33' L × 10' H	660	615
DAT6624-IS	20' diameter × 9' H (dome)	400	400
DAT7500-IS	24' W × 40' L × 11' H	960	945
DAT9018-IS	30' W × 50' L × 13' H	1500	1,330
DAT9099-IS	20' W × 75' L × 11' H	1500	1,330
DAT10800-IS	37' W × 50' L × 13' H	1850	1,630

F-DAT1R ISOLATION ROOMS (INDOOR)

MODEL	DIMENSIONS	LBS.
F-DAT1R-66	5' × 5' × 8' H	100
F-DAT1R-912	9' × 12' × 8' H	140
F-DAT1R-99	9' × 9' × 8' H	130

Completely enclosed portable patient isolation rooms with 360° visibility, designed for use inside a facility. Adaptable for positive or negative pressure air flow; designed to meet and exceed the CDC requirement of 12 air exchanges per hour and 0.01 inches of water column negative pressure when used with appropriate air filtration such as the F-PH700 air purifier. 8 sealed ports with caps; carry bag included.

QE QUICK ERECT, DRIVE-THROUGH & ECONOMY SHELTERS

DATQE® CARBON FIBER FRAMED QUICK ERECT SHELTERS

Heavy duty articulating strut system with corrosion and chemical resistant carbon composite tubing. Set up in 1 – 5 minutes without inflation: roll out, lock support struts, extend frame until locked, tie/stake down, and commence operations.

MODEL	DIMENSIONS	SQ. FT.	LBS.
DATQE1127	11' W × 27' L × 8.5' H	300	280
DATQE1310	13' W × 11.5' L × 8.8' H	150	180
DATQE1315	13' W × 15' L × 8.5' H	195	205
DATQE1321	13' W × 21' L × 8.5' H	273	256
DATQE1327	13' W × 27' L × 8.5' H	351	320
DATQE3015	11' W × 15' L × 8.5' H	165	186
DATQE3030	10' W × 10' L × 8.5' H	100	155
DATQE3060	11' W × 20' L × 8.5' H	220	221

DRIVE-THROUGH SHELTERS (DTGR)

Full zipper closure roll-up doors on each end with side man doors and hanging Velcro attachments for connectivity to command, storage, and supply shelters. 1 – 4 vehicle capacities.

MODEL	DIMENSIONS	SQ. FT.	LBS.
DAT1326-DTGR	13' W × 26' L × 11' H	338	310
DAT2613-DTGR	26' W × 13' L × 11' H	338	310
DAT4000SP-DTGR	20' W × 20' L × 12' H	400	329
DAT4400SP-DTGR	20' W × 22' L × 12' H	440	340
DAT5700SP-DTGR	24' W × 20' L × 12' H	480	399
DAT7500-DTGR	24' W × 40' L × 12' H	960	925
DAT273015-DTGR	27' W × 30' L × 15' H	810	799

DATEZ ECONOMY POP-UP OPEN SIDED SHELTERS

Open on 4 sides with 250 denier white, red, or blue cloth top (specify); permanently attached fold-out white powder coat metal frame; with stakes and carry bag.

MODEL	DIMENSIONS	LBS.
DATEZ100	10' × 10' × 8' H	60
DATEZ115	10' × 15' × 8' H	90
DATEZ120	10' × 20' × 8' H	118
DATEZ1212	12' × 12' × 8' H	90

MEDICAL SURGE CAPACITY SYSTEMS

Complete field hospital packages built on DAT® Series isolation shelters — double interlocking air berms, F-INSULCAN double insulated canopies, F-FLDS integral closed air duct plenum systems, and strip screen entries. Shelters connect via HD Velcro attachment points to build out hub-and-ward layouts.

NOMINAL CAPACITY · 10 PERSON

F-SFSCS-300



Dimensions (all approx.): Built on the F-SCSS5672-IS · 18' W × 24' L × 9' H · 432 sq. ft. · 445 lbs.

Complete 10 person medical surge / field hospital system with double door airlock, full Velcro closure air vents, clear vinyl windows, and HVAC air ducts.

SMALL CAPACITY · 20 PERSON

F-SCSS-7500-20



Dimensions (all approx.): Built on the F-SCSS7500-IS · 960 sq. ft. class shelter

Complete with insulated canopy, plenum system, attached DAT3030-IS isolation shelter, LED lighting, HVAC/ air filtration, power distribution, 20 cots, carts, a DAT3030S-SYS-LED 2 line decon shower complete system, toilets, linens, and redress kits.

MEDIUM CAPACITY · 30 PERSON

F-SFSCS-1500



Dimensions (all approx.): F-SCSS7500-IS-24 (24 private patient rooms) + F-SCSS4360-IS-10 critical care shelter

24-patient ward with 31 sq. ft. private rooms and center aisle, plus a 6-patient critical care shelter with 36 sq. ft. rooms and 4 first responder use rooms (nurse station, rest, command).

LARGE CAPACITY · 50 PERSON

F-SFSCS-2300



Dimensions (all approx.): 2 × F-SCSS7500-IS-24 configured as 24-patient shelters

Two full 24-patient ward shelters with pre-strung cross divider curtains, storage space, side man doors, strip screens, and Velcro flanges to connect shelters end to end or side to side.

SURGE CAPACITY & ISOLATION SHELTER COMPONENTS

Individual surge-configured shelters used to compose field hospital layouts. All include double interlocking air berms with inflation ports at each end, F-INSULCAN double insulated canopies, F-FLDS integral closed air duct plenum systems, and F-STRSCR polypropylene strip screens for bump-through entry/exit. All dimensions approximate.

MODEL	CONFIGURATION	DIMENSIONS	SQ. FT.	LBS.
DAT3713	Central aisle connector — man door openings both sides	7' W × 13' L × 9' H	—	160
DAT3725	Central aisle connector — man door openings both sides	7' W × 25' L × 9' H	—	260
F-SCSS10800-IS	Isolation Shelter	37' W × 50' L × 13' H	1850	1,629
F-SCSS1515-IS-ANT	Isolation Shelter	10' W × 5' L × 9' H	50	70
F-SCSS3015-IS	Surge Capacity Shelter	10' W × 15' L × 9' H	150	215
F-SCSS3030-IS	Isolation Shelter	10' W × 10' L × 8' H	100	140
F-SCSS3030-ISH	Central hub — 11' × 11' × 9' H, four full size door openings	—	121	130
F-SCSS3030-ISH-ANT	Anteroom for central hub — 11' × 11' × 9' H	—	121	130
F-SCSS3060-IS	Isolation Shelter	10' W × 20' L × 9' H	200	250
F-SCSS3370-IS	Surge Capacity Shelter	13' W × 17' L × 9' H	221	290
F-SCSS4070-IS	Isolation Shelter	13' W × 23' L × 9' H	300	290
F-SCSS4070-IS-4	Isolation Shelter	13' W × 23' L × 9' H	300	320
F-SCSS4070-IS-8	Isolation Shelter	13' W × 23' L × 9' H	300	350
F-SCSS4360-IS	Isolation Shelter	17' W × 21' L × 9' H	357	399
F-SCSS4360-IS-10	Isolation Shelter	17' W × 21' L × 9' H	357	399
F-SCSS5672-IS	Isolation Shelter	18' W × 24' L × 9' H	432	445
F-SCSS5672-IS-12	Isolation Shelter	18' W × 24' L × 9' H	432	445
F-SCSS5672-IS-ASEH	All sides entry hub	18' W × 24' L × 9' H	432	455
F-SCSS5800-IS	Isolation Shelter	20' W × 26' L × 9' H	520	519
F-SCSS6012-IS	Isolation Shelter	20' W × 40' L × 11' H	800	735
F-SCSS7500-IS	Isolation Shelter	24' W × 40' L × 11' H	960	1,025
F-SCSS7500-IS-24	Configured as 24 patient shelter (31 sq. ft. private rooms)	—	—	1,325
F-SCSS7500-IS-SP	Configured as 16 patient shelter (50 sq. ft. private rooms)	—	—	1,225
F-SCSS9018-IS	Isolation Shelter	30' W × 50' L × 13' H	1500	1,320
F-SCSSDAT6000-IS	Isolation Shelter	20' W × 30' L × 9' H	600	600
F-SCSSDAT6600-IS-C	Isolation Shelter	20' W × 33' L × 10' H	660	615
F-SCSSDAT6600-IS-C-14	Isolation Shelter	20' W × 33' L × 10' H	660	615
F-SCSSQE3060-IS	DAT® 'QE' Quick Erect shelter, surge configured	11' W × 20' L × 8.5' H	220	221

GENERAL SPECIFICATIONS

FRAME / ALL SHOWER POOLS

Heavy Duty 1100 Dtex* polyester coated w. plastomer on both sides, UV/chemical resistant, quadruple overlapped and glued.

TECHNICAL DATA

Air pressure internally once inflated = 4.3 psi (0.3 bar). USA Federal Standard FS # 191 5041/5102/5134/5970 and DIN EN ISO 2060/1409-2/2286-1 and DIN 53354/53363/53357/53361 test method structural test results.* Total weight (g/ m²) = 1055. Thickness (mm) = 0.90. Consists of approx. 0.43 mm plastomer coated PVC / 0.04 mm polyester yarn / 0.43 mm plastomer coated PVC. Cut strip tensile strength (lbs./in.): warp = 440, weft = 380. Elongation (%): warp = 27, weft = 30. Tongue tear (lbs.): warp = 30, weft = 35. Adhesion (lbs./in.): warp = 21, weft = 21. Density = 28 × 26. Meets NFPA 701 and DIN4102-B1, M-2. *Production lot runs can result in variances and all results are approx.

CANOPY

Heavy duty 100% nylon twill (3/5) of approx. 145 gr/M² (155 gr/sq. yd) with a PU white pigment inner coating of approx. 100 gr/M² (106 gr/sq. yd). Approx. 0.23 mm × 57/58. Total wt. approx. 245 gr/M² ± 5% (approx. 205 gr/sq. yd, 7.23 ounces). UV/chemical resistant/fire retardant. Rated UPF 50+ where ASTM D6603 states a UPF of 40+ is rated Excellent; all FSI canopies are UV resistant and so provide up to UPF 50+ protection to block 99% of harmful rays; meets ANSI/ASSP A10.50-2024 & Cal/OSHA 3395. Water repellent w. a hydrostatic resistance of 250 psi+. Anti-microbial and anti-fungal/mildew resistant to meet and exceed US Fed. Test MIL.STD.810E 508 and ASTM G 21-96 (2002). Water resistance (ISO 811 (E) 1981): hydrostatic pressure test at water pressure 600 m/ min. = 5540. Tensile strength (ISO 13934-2: 1999 C.R.E. Method in N): warp = 1300, weft = 1500. Tear strength (ISO 13937-1:2000, pendulum method): warp = 25, weft = 43. Burst strength (ASTM 0 3787:2001, C.R.E. ball bursting method N) = 1620. Seam strength (ISO 13935-2: 1998, grab method N): sewing threads fail at 710. Fire resistance meets and exceeds CPAI 84 Section 5 1995, US Fed. Test CFR.1610; meets NFPA 701 Flammability Test Method 1 (2004), NFPA 701: 2015 Test Method 2 (Flat), CA State Fire Marshal Section 13115 Flame Retardant Fabric Registration license number F-100608, NFPA 702 w. 'A' burn scale rating, Japan JIS A 1322: 1966, Method A. All seams double stitched and coated both sides. FSI passes ISO 14362-1:2017 (determination of certain aromatic amines derived from azo colorants — ISO 14362 / ISO 17234). Per REGULATION (EC) No 1907/2006 (REACH): azo colorants may not release listed aromatic amines in concentrations above 30 ppm each.

INNER CANOPY

If applicable — 100% nylon 210T Antron W/R, polyurethane coated, 57/58", color white. Flame retardant to meet NFPA 701 TM-1, anti-fungus/anti-mildew, opaque.

FLOOR

1,000 dtex 0.70 mm nylon coated w. PU. Tensile strength: 2545N/2360†. Tear strength: 106/102N†. Weight: 660 grams per sq. mm†, 60" W. Meets NFPA 701 and DIN 4102B1, M.2.

INDEPENDENT PFAS TESTING — VERIFIED PFAS-FREE CANOPY

Independent laboratory testing by FITI Testing & Research Institute confirms the FSI Blue® outer canopy material contains no detectable per- and polyfluoroalkyl substances (PFAS). These results add to the canopy's existing REACH and OEKO-TEX STANDARD 100 compliance documentation.

Test methods	EN 17681-1:2025 · EN 14582:2016
Targeted PFAS (incl. PFOS, PFOA, PFNA, PFHxA)	Not detected (below 0.01 mg/kg detection limit)
Total fluorine screen	Not detected (below 30 mg/kg limit)