

FSI 2 LINE, 3 OR 4 STAGE MASS CASUALTY DECON SHOWER SHELTER

NSN #: 4230-01-567-5564



- Rapid Deploy
- Decon Pool and Plumbing are Pre-installed
- Very Portable
- Easy to Setup and Use
- Many Options Available
- Small Storage Footprint

DAT®3535S — 2-line, 3 or 4 stage mass casualty decon shower system, approx. 10'W X 15'L X 9'H (3036 mm X 4554 mm X 2732 mm), 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' (1214 mm) undress, 7' (2125 mm) detergent/rinse shower area, 4' (1214 mm) redress section.

FSI® DAT® SERIES PNEUMATIC SHELTER SYSTEMS GENERAL SPECIFICATIONS

Frame / All Shower Pools: Heavy Duty 1100 Dtex* polyester coated w. plastomer on both sides, UV/Chemical resistant, quadruple overlapped and glued.

Canopy: Heavy duty 100% nylon twill (3/5) w. PU white pigment inner coating, ABT. 0 23mm X 57/58. Wt. AB1.230GR/Sq. M - UV/chemical resistant/fire retardant – Rated Ultra Violet Protection (UPF) of 50+ where ASTM D6603 states a UPF of 40+ is rated Excellent; and water repellent w. a hydrostatic resistance of 250 psi + - Anti fungus/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 NFPA701 Flammability Test method 1 (2004), NFPA 702 w. 'A' burn scale rating, Japan JIS A 1322: 1966, Method A. All seams double stitched and coated both sides.

Floor: 1,000 dtex 0.58mm Nylon coated w. PU, tensile strength: 2545N/2360, Tear Strength: 106/102N, weight: 660 grams per sq. mm 60" W.

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 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 X 26. Meets NFPA 701 and DIN4102-B1, M-2.

*Production lot runs can result in variances and all results are approx.

Standard color is 'FSI Blue®' Green, White, Red and Tan/Sand also available as standard. Other colors offered P.O.A.

All FSI® decon showers are ANSI # 113 compliant

*** All FSI Showers utilize Potable Water approved Hose systems. These hoses are manufactured with Texin 985U (formerly DP7-1077) or Texin 1209 which are approved by NSF. This polyurethane is approved for "Potable Water" use by NSF International (NSF Standard 61 – Drinking Water System Components – Health Effects).

In accordance with **NFPA 1851** all FSI Showers are ideal for fire fighter wash down/decon immediately after exiting fire scene and prior to removal of any PPE.

FSI shelters help ensure compliance with the OSHA Heat Illness requirement as described at:
https://www.osha.gov/OshDoc/data_Hurricane_Facts/heat_stress.pdf



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