

DAT5800

FSI DAT Series Pneumatic Shelter - Approx. 20' W X 26' L X 9' H (6 M X 8 M X 2.7 M) – Shelter only, 520 sq. ft. (48 M2) 499 lbs. (226 Kg) Carton size approx. = 136 X 108 X 90 cm (54" L X 43" W X 36" H). 4 windows – two on each side, 2 skylights, 4 (four) 17"/43 cm HVAC/clothes inlet/outlets with tie closures – 2 each on opposite ends/sides, 14 metal stakes and 4 tie down ropes. Air volume approx. 215 c



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.

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.

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. 0.23mm X 57/58. Total wt. approx. 245 gr/M² + or - 5 % (approx. 205 gr/ sq. yd) - 7.23 ounces) - 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.

Inner Canopy: If applicable - of 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 0.70mm 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 4102 – B 1, M.2



EVERY FSI DAT® SERIES INFLATABLE SHELTER UNIT* NOW SUPPLIED WITH ONE P-EIDHD HEAVY DUTY ELECTRIC INFLATOR DEFLATOR, PER INFLATION SECTION, (all sizes of pneumatic shelters of 100 sq ft/10 M2 approx. or smaller receive a P-EID inflator/deflator). If a larger, faster inflator deflator is desired for the smallest showers/shelters simply so specify the P-EIDHD at time of order and allow for a price increase in your order. *All sizes of pneumatic shelters also receive a corresponding qty. of high pressure compressed air fill hoses and universal SCBA adapter (P-SCBAF-H)

Standard color is 'FSI Blue®'. 'Army' Green, 'Red Cross' White, Military 'Tan/Sand', and Red also offered at no added charge. Other colors including jungle and desert camo colors avail at 15% upcharge/unit.



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

FSI NORTH AMERICA®
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LIGHTING OPTIONS**LED or 25 WATT FLOURESCENT STRINGABLE**

(1) F-SFLL-5M
(1) F-SFLLPS-12V



(4) F-1225-0500-STL

GROUND TARP

(1) F-GS11



60,000 BTU 240V
AIR CONDITIONER
(1) F-DI-5.0SP208



OIL INDIRECT FIRED
180,000 BTU AIR HEATER
(1) F-HVF2101



AIR COOL/HEAT/UVGI
FILTRATION
(1) F-EMAT5T



DUAL HEAT/COOL
(1) F-DI40HP0100CM



HEPA AIR CARBON FILTER UNIT
(1) F-PASS1600-IU

