

MDFP Shields

DS-130 SERIES

NIJ IIIA (.44 Magnum)



DS-130 Series - Mobile Defensive Fighting Position™

The Tool of Choice When Lightweight Protection Against Handgun Threats up to .44 Magnum is Required.

The DS-130 series is constructed of NIJ Level IIIA components to provide the highest level of protection against threats up to .44 Magnum handguns and is the only mobile, full coverage and field of view, bullet resistant tool on the market.

Offering up to 12 square feet of viewing area and several mobility options, the DS-130 series offers protection to security personnel at a variety of locations including screening areas at courthouses, federal buildings, aviation security checkpoints, banks, correctional facilities, embassies or any secure location. Units may be used indoors or out to protect personnel and property.

When a guard, observer or negotiator is behind a Defenshield MDFP, they become the highest form of deterrence. MDFP's are available in four levels of protection to satisfy the ballistic threat and mobility requirements of a wide variety of users. Custom sized units are also available.



DS-130 w/ Camography™ Option

Unit most often used in courthouse or building security applications. Provides full coverage with a clean, unobtrusive appearance. Mobility can be added without disrupting the finished look and imagery can be customized to match the aesthetics of the surrounding environment.

Bullet Range Ratings

Standard	Class	Caliber	Weight (gr.)	Min/Max Vel (fps)	Shots	Range ft.	Notes
ANSI/UL	M.P.S.A.	0.38 Super	130	1152 / 1344	3	15	
ASTM		0.38 Super	130	1230 / 1330	3	25	E
NIJ	II-A	0.38 Super (LV)	158	1200 / 1300	5	16	
ANSI/UL	H.P.S.A.	0.38 Super (HV)	158	1305 / 1523	3	15	
BSI	G1	0.38 Super (HV)	158	1378 / 1574	3	9.84	
DIN	C2-SF	0.38 Super (HV)	158	1363 / 1396	3	9.84	
UL	2	0.357 Mag	158	1250 / 1375	3	15	
ANSI/UL	S.P.S.A.	0.44 Mag	240	1323 / 1544	3	15	
ASTM		0.44 Mag	240	1400 / 1500	3	25	E
BSI	G2	0.44 Mag	240	1451 / 1647	3	9.84	
DIN	C3-SF	0.44 Mag	240	1429 / 1461	3	9.84	
HPW	C	0.44 Mag	240	1350 / 1450	3	20	D
NIJ	III-A	0.44 Mag	240	1350 / 1450	5	16	
UL	3	0.44 Mag	240	1350 / 1450	3	15	
ASTM	SMG	9 x 19 (HV)	124	1350/ 1450	3	25	E
BSI	GO	9 x 19 (HV)	115	1247/ 1443	3	9.84	
NIJ	III-A	9 x 19 (HV)	124	1350/ 1450	5	16	
SD	minimum	9 x 19 (HV)	115	1350/ 1450	3	30	F
UL	6	9 x 19 (HV)	115	1350/ 1450	5	15	

Information listed for comparison ONLY, contact applicable standards and testing labs for current information or certifications.

Abbreviations: AP- Armor Piercing; HV- Higher Velocity; LD- Lead; L.R.- Long Rifle; LV- Lower Velocity; Mag.- Magnum; Spec.- Special; SRP- Soft Round Point; M2, M61, M80, M193- U.S. Military Ammunition, Full Metal Jacket, Spire Point.

*The various standards specify different locations to measure the bullet velocity. They are as follows: ASTM-15 ft from weapon muzzle; ANSI/UL- at muzzle; BSI- strike face of the target; DIN- 8.20 ft from weapon muzzle; HPW-15 ft from weapon muzzle; NIJ- 6.60 ft from weapon muzzle; and SD- 10 ft from strike face of the target. For meeting the various velocity measurement requirements, the use of custom (special) powder loads may be required.

Not responsible for errors or omissions. Please consult actual source documents for current specifications.

D- Three shots required for the base materials and twelve shots required for assemblies.

E- Minimum number of shots.

F- Minimum of three shots required for the glazing and six shots required for other parts of the assembly.

Camography™

Camography is Defenshield's proprietary method of increasing the effectiveness of your MDFP product. Instead of traditional camouflage, Defenshield uses imagery of the intended environment to ensure maximum concealment.

Camography can also be applied to the transparent armor panel of the unit with a one-way see-thru film. Units used in diplomatic or government facilities may use images of wood paneling, ceramic tiles, or other architectural materials. Outdoor protection could include images of gardens, rock walls, heavy woods, or similar settings. Images can also be taken of the location where the unit will be deployed. The match is exact in color, and scale. The transparent armor panel may be tinted, reflective, or utilize the one-way Camographic film to achieve maximum concealment.

Mobility

MDFP's combine unsurpassed mobility with the highest level of stand-alone protection. Units are easily disassembled into a few components with minimal tools, and can be transported by vehicle and reassembled on location in a few minutes.

Mobility options are constantly being developed in response to our customer's individual needs and specifications. Please visit our website or contact us to discuss latest developments.

DS-130 Series Model Summary

Model #	Mobility	Weight formula (lbs)
DS-130 .44 Magnum Resistant	Fixed	$(W \times H \times 10) + 195$
DS-131 .44 Magnum Resistant	Casters	$(W \times H \times 10) + 209$
DS-132 .44 Magnum Resistant	ATV Tires	$(W \times H \times 10) + 265$

Sample calculation based on a DS-131 used in a courthouse for ECP security (36" x 76" with casters):
 $(3\text{ft} \times 6.33\text{ft} \times 10) + 209 = 398.9$ pounds.

Notes: Width and height in the above chart are in feet. Standard width is 36". Custom widths available from 30" to 48". Standard height is 76". Custom heights available from 70" to 84". Weight is in pounds. ATV tires are urethane filled and cannot lose pressure or be shot out.



Camography can be applied to units of any resistance level and do not alter the level of protection provided by the unit.

Certifications

NIJ Level IIIA (High Velocity 9mm; 44 Magnum)

The glazing and armor protects against 9mm Full Metal Jacketed Round Nose (FMJ RN) bullets, with nominal masses of 8.0 g (124 gr) impacting at a minimum velocity of 427 m/s (1400 ft/s) or less, and 44 Magnum Semi Jacketed Hollow Point (SJHP) bullets, with nominal masses of 15.6 g (240 gr) impacting at a minimum velocity of 427 m/s (1400 ft/s) or less. It also provides protection against most handgun threats.

