



US Army Corps
of Engineers®

Modular Protective System Overhead Cover

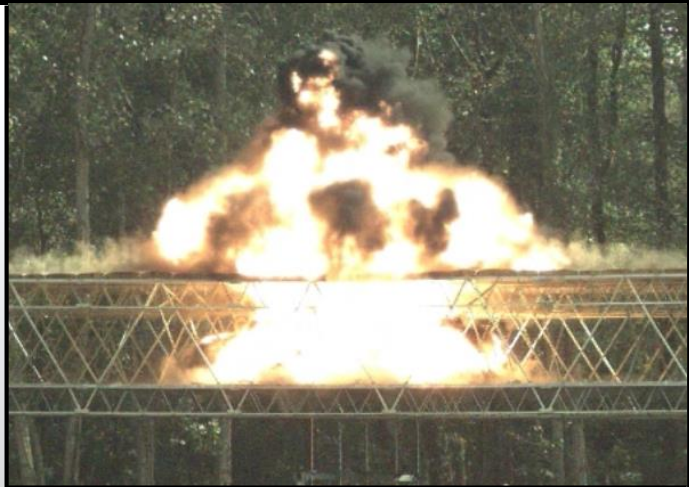


Building Strong®

DISCOVER | DEVELOP | DELIVER

Features

- Rapid construction as standalone facility or built over existing asset
- Modular construction up to 52.5 ft wide with unlimited length
- No specific MOS required
- No equipment or special tools needed for up to 30-ft spans; only standard military 10K forklift needed for 30-ft to 52.5-ft spans
- Easily disassembled and reused
- Protection provided from direct hit of rocket and mortar threats
- Protection level tailorable using layered armor panels



Product Description

The Modular Protective System Overhead Cover (MPS-OHC) provides the warfighter with tailorable overhead protection from direct hit mortars and rockets. It can be used to protect critical assets and equipment, non-hardened structures/containers, unprotected weapon systems, etc. The MPS-OHC can be assembled with no equipment and requires no special tools for up to a 30-ft span. Only a standard military 10k forklift is required for 30-ft to 52.5-ft spans.



The U.S. Army Engineer Research and Development Center (ERDC) solves the nation's toughest engineering and environmental challenges. ERDC develops innovative solutions in civil and military engineering, geospatial sciences, water resources, and environmental sciences for the Army, DOD, civilian agencies, and our Nation's public good. Find out more on our website: www.erdcd.usace.army.mil. Approved for public release; distribution is unlimited. May 2019.



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Performance

Protects against direct hit of heavy mortars and small rockets
Meets the snow load requirements of STANAG 2895 and ASCE 7-05

Kit Information

Wall Type	NSN	Kits	Visualization	Description	Weight (lb)
MPS-OHC-O (Walls Included)	5410-01-685-8820	MPS-OHC-O-30-15		Starter kit 30' x 15' (23' x 15' usable space) in one (1) 20' container	42,145
	5410-01-685-6947	MPS-OHC-O-30-10		Extension kit 30' x 10' (23' x 10' usable space) in one (1) 20' container	15,573
	5410-01-685-6708	MPS-OHC-O-52.5-15		Starter kit 52.5' x 15' (45.5' x 15' usable space) in two (2) 20' containers	51,424
	5410-01-685-8640	MPS-OHC-O-52.5-10		Extension kit 52.5' x 10' (45.5' x 10' usable space) in one (1) 20' container	21,390
MPS-OHC-MW (No Walls included)	5410-01-685-8641	MPS-OHC-MW-30-15		Starter kit 30' x 15' (23' x 15' usable space) in one (1) 20' container	16,843
	5410-01-685-8828	MPS-OHC-MW-30-10		Extension kit 30' x 10' (23' x 10' usable space) in one (1) 20' container	8,337
	5410-01-685-8843	MPS-OHC-MW-52.5-15		Starter kit 52.5' x 15' (45.5' x 15' usable space) in two (2) 20' containers	26,122
	5410-01-685-6745	MPS-OHC-MW-52.5-10		Extension kit 52.5' x 10' (45.5' x 10' usable space) in one (1) 20' container	14,154
MPS-OHC-SB (No Walls Included)	5410-01-685-8782	MPS-OHC-SB-30-15		Starter kit 30' x 15' (22' x 15' usable space) in one (1) 20' container	14,294
	5410-01-685-6879	MPS-OHC-SB-30-10		Extension kit 30' x 10' (22' x 10' usable space) in one (1) 20' container	7,757
	5410-01-685-6717	MPS-OHC-SB-52.5-15		Starter kit 52.5' x 15' (44.5' x 15' usable space) in two (2) 20' containers	25,085
	5410-01-685-6737	MPS-OHC-SB-52.5-10		Extension kit 52.5' x 10' (44.5' x 10' usable space) in one (1) 20' container	14,006
MPS-OHC-CB (No Walls Included)	5410-01-685-6908	MPS-OHC-CB-30-15		Starter kit 30' x 15' (25' x 15' usable space) in one (1) 20' container	14,589
	5410-01-685-6958	MPS-OHC-CB-30-10		Extension kit 30' x 10' (25' x 10' usable space) in one (1) 20' container	7,875
	5410-01-685-7002	MPS-OHC-CB-52.5-15		Starter kit 52.5' x 15' (47.5' x 15' usable space) in one (2) 20' containers	25,380
	5410-01-685-8729	MPS-OHC-CB-52.5-10		Extension kit 52.5' x 10' (47.5' x 10' usable space) in one (1) 20' container	14,124

Technical POCs

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