



BLASTSAFE: THE ARC SERIES

Fully Confined EOD Explosive Containment Vessels

Mistral Security, Inc.'s Explosive Containment Vessels provide full protection against blast and fragmentation with repeated detonation capability. Some of the ARC models are Gas-Tight. The Blastsafe ARC Series is widely used by the Military EOD and Police Bomb Squads for safely containing and transporting explosive devices. The Gas-Tight models are capable of containing biological/chemical explosive threats.

ARC-5

The ARC-5 detonation chamber is designed and tested to contain repeated blasts and fragmentation effects of up to 5 kg (11 lbs.) of TNT equivalent. The ARC-5 detonation chamber is used by EOD teams for suspect object, UXO or IED transportation and controlled disposal. The ARC-5 has a semi-automatic, internal hydraulic door with a manual locking mechanism, positioned to allow easy, side loading.



ARC-5GT

The ARC-5GT containment vessel contains explosions of up to 5 kg (11 lbs.) of TNT equivalent. The ARC5-GT is approved by the U.S. Department of Defense Explosives Safety Board (DDESB) with a Gas-Tight capability of up to 2.5 kg (5.5 lbs.) of TNT equivalent. The ARC-5GT withstands repeated detonations, can be operated by a remote control, robot, or manually. The vessel is provided with an air sampling capability and is available with a trailer.



ARC-8GT

The ARC-8GT vessel contains repeated blast effects of up to 8 kg (17.64 lbs.) of TNT equivalent. The Gas-Tight feature of the ARC-8GT allows responding EOD units to mitigate Weapons of Mass Destruction that might contain radiological, chemical or biological agents. The vessel is equipped with an air sampling system. The ARC-8GT is Gas-Tight to the full explosive capacity of the vessel.



ARC-10GT

The ARC-10GT detonation chamber contains blast effects of up to 10 kg (22 lbs.) of TNT equivalent. The ARC10-GT is DDESB-approved with a Gas-Tight capability of up to 8 kg (17.64 lbs.) of TNT equivalent or 6 kg (13.22 lbs.) of C4. The Gas-Tight feature of the ARC-10GT allows responding EOD units to mitigate Weapons of Mass Destruction that might contain radiological, chemical or biological agents. The vessel is equipped with an air sampling system. The ARC-10GT is Gas-Tight to the full explosive capacity of the vessel.



PRIDE
PASSION
PERFORMANCE



Products and Capabilities

BLASTSAFE Container Models	Dimensions		Weight		Protective Criteria (TNT equivalent)		Opening Type and Size		Remarks and Applications
	inch	cm	lbs	kg	lbs	kg	inch	cm	
ARC-5	W=43.3 H=54 D=66.9	W=110 H=137 L=170	3850	1750	Up to 11	Up to 5	Circular Door D=21.9 D=55		Spherical Repeated Detonation
ARC-5GT	W=85 H=54.3 D=53.5	W=216 H=138 D=236	5200	2360	Up to 12.92	Up to 5.87	Circular, Automatic D=21.7 D=55		Repeated Detonation Gas-Tight 2.5 kg Max 45x40x20 cm - DDESB-approved
ARC-8GT	W=67 H=78.8 D=80.7	W=170 H=200 D=205	10360	4700	Up to 17.63	Up to 8	Circular, Automatic D=34.6 D=88		Repeated Detonation Gas-Tight 8 kg
ARC-10GT	W=67 H=78.8 D=80.7	W=170 H=200 D=205	12100	5500	Up to 22	Up to 10	Circular, Automatic		Repeated Detonation Gas-Tight 8 kg - DDESB-approved



Mistral Security, Inc. is a member of the Mistral Group, a team of independent companies, each operating in different markets worldwide, while collectively sharing the mission of "Bridging" operational gaps in the Defense and Law Enforcement Markets with practical, innovative, and high technology readiness solutions.