



presents the

**BlastGard® GMR 500
GRENADE MITIGATING RECEPTACLE**

TECHNICAL PRODUCT SPECIFICATIONS

BODY	: 100% WELDED CONSTRUCTION USING AUTOMATIC MIG VERTICAL SEAM WELDERS AND MANUAL MIG CIRCULAR WELDS
EXTERIOR DIMENSIONS	: 30" OUTSIDE DIAMETER 42" MAX HEIGHT, PLUS UP TO 1 ½" LEG EXTENSIONS
INTERIOR DIMENSIONS	: 22" INSIDE DIAMETER 32" INSIDE HEIGHT
<u>MATERIALS</u>	
EXTERIOR WALL, EXTERIOR BOTTOM, INTERIOR BOTTOM INTERIOR WALL	: 10 GA GALVANIZED ASTM A-653 STEEL
EXTERIOR WALL	: URETHANE PAINT COATED GALVANIZED STEEL
BLAST ABSORBING LAYERS IN TRIPLE WALL CONFIGURATION	: SPECIFIED DUCTILE ASTM STEELS WITH PATENTED BLAST ABSORBING OPEN CELL MATRIX INCLUDING RECYCLED MATERIALS AND OTHER PATENTED ADDITIVES
LEVELING FEET	: 1/2" DIAMETER PLATED STEEL ROD ON THERMOSET PLASTIC BASE - ADJUSTABLE
BLASTWRAP™ PASSIVE BLAST MITIGATING TECHNOLOGY	: -UNIQUE PATENTED COMBINATION OF MECHANICAL AND THERMAL BLAST EFFECTS MANAGEMENT THAT DRAMATICALLY MITIGATES SHOCK IMPULSE AND PEAK PRESSURE AND INSTANTLY QUENCHES BLAST FIREBALL IN A VERY LIGHT, FLEXIBLE AND

DURABLE PACKAGE OF “GREEN” AND “COTS” MATERIALS.

-BLAST WRAP[®] DOES NOT DETERIORATE FROM EXPOSURE TO AIR OR MOISTURE IN THE AIR.

-BLAST WRAP[®] REMAINS EFFECTIVE AT AMBIENT TEMPERATURES

PEAK OPERATING RANGE OF BLAST ABSORBING MATRIX : MINIMUM -22C (-7.6F)
TO
MAXIMUM +67C (153F)

EXTENDED RANGE FOR PERFORMANCE OF BLAST ABSORBING MATRIX : MINIMUM -22C (-7.6F)
TO
MAXIMUM +70C (158F)

DEGRADATION WITH TIME, TEMPERATURE, CHEMICALS, OR FIRE : - NO PERFORMANCE DEGRADATION OVER TIME OCCURS AS LONG AS UNIT IS NOT SUBJECT TO AMBIENT TEMPERATURES ABOVE 70C (158F).
- AMBIENT TEMPERATURES BELOW -22C (-7.6F) DECREASE EFFECTIVENESS OF BLAST ABSORBING MEDIUM TEMPORARILY BUT MATRIX RESUMES PEAK RESILENCE WHEN AMBIENT RISES ABOVE -22C (-7.6F) THRESHOLD.
- THERE IS NO EVAPORATION OF MOISTURE POTENTIAL IN THE BLAST ABSORBING MATRIX THAT COULD DETERIORATE ITS EFFECTIVENESS
- THE BLAST ABSORBING MATRIX IS TOTALLY CONTAINED WITHIN A 100% WELDED STEEL CONSTRUCTION DEPRIVED OF OXYGEN FOR COMBUSTION AND SHOULD NOT PRESENT A HAZARD. THE FLASH POINT OF LESS THAN 5% OF VOLUME IS ABOVE 337C (550F)

EXPOSURE TO DEGRADING PHENOMENA AND OTHER INFORMATION : -IMMERSION IN WATER MAY CHANGE STEEL PROPERTIES AND AFFECT OPERATION
-CONTINUOUS EXPOSURE TO SALT SPRAY DEGRADATION REQUIRES ROUTINE MAINTENANCE OF GALVANIZED STEEL
-ULTRAVIOLET RAYS FADE PAINTED SURFACES
-OTHER CHEMICAL EXPOSURE DEGRADATION OR REACTION, IF ANY, IS UNKNOWN AT THIS TIME