

BLASTGARD PIPEWRAP



BLAST MITIGATING OIL PIPE PROTECTION

Overview

Physical pipeline protection is provided using advanced technology blast mitigation and anti-penetration anti-ordnance materials.

The pipeline is encased with a lightweight, rigid foam structure to provide stand-off area from pipe surface to allow for absorption of ballistic blast energy.

The outer surface is comprised of an advanced polymer layer encasing blast mitigation liner material and the inner surface is comprised of an anti-ballistic fragment barrier.

In the event of an ordnance strike or localized blast, the toughened outer surface layer intercepts the ordnance resulting in detonation upon impact.

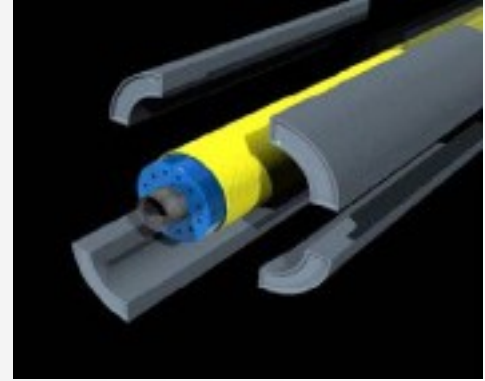
The blast fragments are restrained and captured by the innermost layer containing the antiballistic anti-penetration fragment barrier materials.

The standoff distance adequately dissipated the now substantially diminished blast wave energies.

PipeWrap is comprised of structural pieces molded from a lightweight organic material that delivers superior insulation properties.

PipeWrap unique design serves to mitigate blast energies and provides significantly enhanced tolerance to damage from external forces.

PipeWrap also delivers unequalled thermal insulation properties capable of significantly reducing and in some cases eliminating heat transfer related operating problems and the resulting production and/or delivery short falls.



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