



DETOTEC NORTH AMERICA, INC.

TECHNICAL BULLETIN 112

METAL DETONATING CORDS (METAL LINEAR EXPLOSIVES)



INTRODUCTION

We have embraced our global leadership role to progressively replace lead-sheathed linear explosives with environmentally conscious materials. We're dedicated to sustainable business practices while still providing the most effective linear explosives to withstand high temperatures and provide the high performance that our customers have come to rely on.

Our linear explosives – an explosive powder/material loaded into a tube that's formed into long lengths – are manufactured in multiple sheaths including tin, copper, silver and aluminum. We possess the ability to load high explosives (such as PYX, HNS, PBXN-5, HMX, and RDX) to support a variety of linear parts and assemblies.

All of our linear explosives are manufactured to the highest quality standards. The explosive purity, core load, dimensional requirement, and velocity of detonation are some of the properties checked for every run. Additional customer requirements and testing levels can be supported as well.

PACKAGING

The metal detonating cords are packaged either in straight lengths up to four feet long, or put onto spools which are about 12 inches in diameter. The final packaging is dependent on customer requirements.

GENERAL SPECIFICATIONS

Explosive Material:	PYX, HNS, PBXN-5, HMX, and RDX Additional materials to meet customer requirements
Core Load:	2.5 to 200 Grains / foot or more
Confining material:	Aluminum, Pewter, Tin, Silver, and Copper as required. A plastic jacket of different materials is available if the application requires it.
Velocity of Detonation:	Varies per explosive material

DISCLAIMERS ATTENTION: The information and recommendations described in this bulletin cannot possibly cover every application of the products or variation of conditions under which the products are used. The recommendations herein are based on the manufacturer's experiences, research, and testing. They are believed to be accurate, but no warranties are made, express or implied.

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Detotec North America, Inc.

For product information, please contact Detotec:

P.O. Box 276
Sterling, CT 06377 USA

Telephone: 860-564-1012 • Fax: 860-564-6895

E-Mail: info@detotec.com
www.detotec.com