

PRODUCT FAMILY

MILD DETONATING CORD (MDC)

Mild Detonating Cord is a metal clad linear explosive usually drawn or extruded in a round configuration. It can be rolled into an elliptical or flat ribbon shape based on customer requirements.

PacSci EMC has manufactured millions of feet of linear explosive products over decades of continuous production. We manufacture Mild Detonating Cord sheathed in a variety of materials for major oil and gas service providers. Our MDC is typically drawn or extruded into a round configuration. It can be rolled into an elliptical or flat ribbon shape, supporting complex needs. Our detonating cords can be further sheathed in metal tubes making it possible for the MDC to operate in temperatures of up to 500°F for 50 hours.



APPLICABLE SPECIFICATIONS

- Operating Temperature Range: -65 °F (-54 °C) to +350 °F (+176.67 °C)
- Shock: 1400g @ 10,000Hz (and per vehicle environments)
- Vibration: 33.5Grms (and per vehicle environments)
- Output: Detonation – sized for 150% vehicle motor case thickness
Penetration > 1.5 inch steel available

INTERFACE

Core Load Grains* / Ft	"A" Diameter (inches)	Weight/Ft
<ul style="list-style-type: none">• 2.5 - 3.5• 20 - 25• 50 - 60• 100 - 120	<ul style="list-style-type: none">• .070• .140• .240• .315	<ul style="list-style-type: none">• .012 lb/ft• .037 lb/ft• .093 lb/ft• .190 lb/ft

*1 grain = .064 grams

ENVELOPE & DIMENSIONS

