**DESCRIPTION**

This is a percussion fired detonator used for initiating detonation of oilfield tubing conveyed perforating guns. Unit withstands 20,000 psi through primer cap after firing.

**MATERIAL DATA**

CAP & BODY: CRES

**SEALING PROPERTIES**

Girth: Welded Seal  
Output End: Environmental Seal

**EXPLOSIVE MATERIALS**

Primer Charge: 28 MG  
Booster Charge: 190 MG  
Output Charge: 390 MG PYX

**FIRING CHARACTERISTICS**

No-Fire: 7.4 FT-LBS  
All-Fire: 12.4 FT-LBS

**FIRING PIN CONFIG.**

.050 Spherical Radius or other

**DELAY TIME**

Temperature Rating: 450°F for 100 hours  
435°F for 200 hours

**PERFORMANCE**

Initiation Gap: Initiates detonation of an HMX or PYX Booster at a 1.25 inch gap.

**SHIPPING CLASSIFICATION**

NUMBER / CLASS: UN0455  
NAME: Detonators, non-electric, for blasting  
REFERENCE NUMBER: EX2009100297

**EC TYPE EXAMINATION CERT**

0080.EXP.03.0045