51-1965-4
HIGH TEMPERATURE PERCUSSION DETONATOR
OIL FIELD ORDNANCE DEVICE

DESCRIPTION
The high temperature percussion detonator initiates detonation of oilfield tubing conveyed perforating guns.

MATERIAL DATA
Housing and Closure Disk: CRES

SEALING PROPERTIES
Primer End: Hermetic
Output End: Vented

EXPLOSIVE MATERIALS
Primer: 35 MG TiKP/Glass
Transfer: 195 MG Silver Azide
Output: 726 MG HNS

FIRING CHARACTERISTICS
No-Fire: 5.21 FT-LB
All-Fire: 10.23 FT-LB

PERFORMANCE
Temperature Rating:
- 500 °F for 24 hours
- 485 °F for 35 hours
- 465 °F for 100 hours

Initiation Gap: Initiates detonation of oilfield booster at a 1.25 inch gap.
Dent Depth in MS: .050 inch minimum

SHIPPING CLASSIFICATION
NUMBER / CLASS: UN0455 / 1.4S
NAME: Detonators, non-electric, for blasting
REFERENCE NUMBER: EX2009110143
NRCanda Authorized Listing

EC TYPE EXAMINATION CERT
0080.EXP.03.0045

THE DATA PRESENTED ABOVE IS FOR INFORMATION PURPOSES ONLY

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