

TIME DELAY FUSE

DESCRIPTION

The Fike Time Delay Fuse is a chemically generated time delay device used in downhole oil and gas completion operations. They are typically used in Tubing Conveyed Perforating (TCP) operations to initiate detonation of an oilfield detonation cord booster on perforating guns. It is initiated by the Fike Fuse Igniter part number 072130 or equivalent.

The Fike Time Delay fuse is a 6 minute delay and is a direct replacement for existing products. It is intended for use in existing firing heads in the Oil and Gas industry. Other time delays are available in 45 second increments. Please contact Fike for details.

FIKE SERVICES

Fike's Oilfield expertise creates a service and support structure that you can trust for your specific pyrotechnic applications:

- Engineers and application specialists can assist in product applications and technical support
- Rapid Response – lower costs and shorter lead times with Fike Oilfield products
- Qualification testing of components under simulated applications and field testing
- Manufactured by Cartridge Actuated Devices, Inc., a Fike Corporation company and industry leader in pyrotechnic products

SPECIFICATIONS

At Fike, our highest goal is to ensure that our energetic products are safe for handling and use by customers. Fike Percussion Initiators have undergone extensive testing to meet and exceed the following standards and regulations:

- API RP-67 Standard 5lb No-Fire Test
- API RP-67 Standard 10lb All-Fire Test
- API RP-67 Six (6) Foot Drop Test
- U.S. Military Standard 331 - Forty (40) Foot Drop Test
- DOT Hazardous Material Requirements
- CE Certified Safety Directives



TIME DELAY FUSE

Material of Construction	Body – Stainless Steel
Time and Temperature Exposure	See Ordering Information Chart
Gap	Initiates boosters at 1.25 IN max gap
Firing Characteristics (refer to 2nd page)	All-Fire: Configuration A Firing Pin – 10 ft-lbs applied at 9.7 ft/s Configuration B: Firing Pin – 12.4 ft-lbs applied at 13.4 ft/s No-Fire: 5.0 foot-pounds maximum Note: Limit firing pin travel to a maximum of .157 (3.99mm) to .165 (4.19mm) from back surface (refer to 2nd page)
Recommended Firing Pin	0.05 inch spherical radius
Pressure Rating	20,000 PSIG before and after function
Shipping Classification	DOT Hazard Class: 1.4 S (all P/N's) UN Number: UN 0323 (all P/N's) Ref Number: EX2009070008 (P/N 072120-1) EX2009070009 (P/N 072120-3) EX2009080482 (P/N 072140-1) EX2010101404 (P/N 072140-3) CE Cert Number: ENB/B/158/10 (all P/N's)
Shelf Life	5 years

Note: All information and ratings are subject to change without notice. It is the users responsibility to conduct any necessary testing and ensure the Percussion Initiators are suitable for the user's intended application, prior to use.

APPLICATIONS

- Explosive Trains
- Perforating Guns
- Tubing Conveyed Perforating
- Specialized Applications

Form No. O.1.11.01-6

ORDERING INFORMATION

Fike P/N	Description
088011-6.0	Time Delay Fuse, 6 Minutes

Note: Additional times are available in 45 second increments. Shorter time delays are also available. Contact Fike for more details.

DIAGRAM

