GICHD

OTHER EQUIPMENT

LOW TEMPERATURE THERMITE (LTT)

Applications

Demolition equipment

Types

Non-explosive demolition equipment (dearmers, disruptors, etc)

Last update

August 31, 2020

General description

Low Temperature Thermite (LTT)

Disarmco's Low Temperature Thermite (LTT) is slow burning and is designed to directly ignite explosive compositions with reduced risk of detonation. LTT is also a safe and simple product for igniting and disposing of propellant during EOD operations. LTT burns for more than 1 minute at a steady temperature and causing the explosive to burn rather than detonate. The LTT was successfully used in February 2018, burning out of two aircraft bombs discovered during construction activities in Hong Kong by the Police Force. The link below will take you to our website for additional information.

Working characteristics

LTT has been used successfully to ignite a wide range of civil and military explosives including Torpex, RDX/TNT Types A and B, Hexolite, TNT and Isolate COB. Its packaging allows for maximum heat transfer.

LTT burns more than 1 minute at a steady temperature and causing the explosive to burn rather than detonate. We recommend that LTT is initiated with a Disarmco TIS (Thermite Initiated Starter). See TIS leafletfor full details.

Dimensional data

Length	100 mm
Weight	0.13 kg
Transport case information	16.5 x 15 x 14cm
Transport case weight	0.15 kg
Transport case weight info	n/a
Case dimensions	16.5 x 15 x 14cm

Price

Base price	45 €
Reduction for higher quantity	yes

LOW TEMPERATURE THERMITE (LTT)

Other information

All the Disarmco products are classed as a flammable solid that complies to UN3178 Hazardous Class 4.1, UN Packing Group III – Flammable Solid Inorganic N.O.S. which allows them to be transported on commercial airlines as they are classed as non-explosive.

Therefore, easy to transport, handle and store without the associated administrative burden of explosives.

LOW TEMPERATURE THERMITE (LTT)

Images