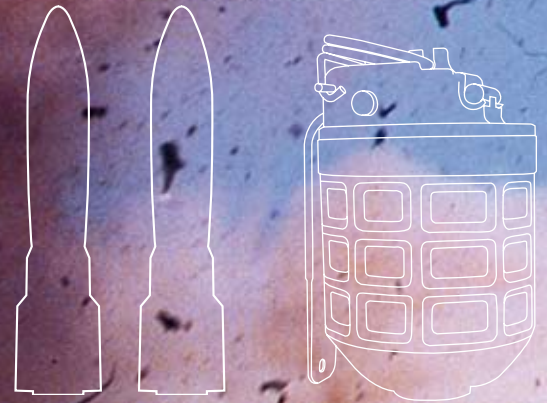


THALES



HIGH EXPLOSIVE PRODUCTS

Energetic materials for operational effectiveness

SPECIAL FEATURES

Thales Australia's high explosive products provide the technological edge to the strategic energetic material requirements of the ADF. We also manufacture high quality energetic products for the commercial market.

Thales Australia's high explosive products have been developed to conform to the stringent design parameters of the the Australian Defence Force (ADF). Our high explosive products are manufactured at Thales Australia's Mulwala facility and are currently in service with the ADF, international defence forces and with commercial customers.



HIGH EXPLOSIVE PRODUCTS

ENERGETIC MATERIALS FOR OPERATIONAL EFFECTIVENESS

Function

Thales Australia's high explosive products are optimised for use by the ADF.

Explosive product range and characteristics

Our high explosive product range exhibits the nominal performance characteristics as detailed in the table below.

Packaging

Our high explosive products will be shipped in standard military packages conforming to the UN recommendations for packaging of dangerous goods.

THALES AUSTRALIA'S HIGH EXPLOSIVE PRODUCT RANGE

Product	Current Spec	Type produced at ADI	Route Spec
TNT (continuous nitration)	DEF (AUST) 5367A	Type 1 flake (solidification pt 80.2 °C)	DEF STAN 07-4 (UK) MIL-T-248 (US) Type 1
RDX (Woolwich nitric acid process)	DEF (AUST) 5382B	Grade A Class 1 Grade B Class 1 (boiled)	DEF STAN 07-23 (UK) MIL-R-398 (US) Type 1 NATO STANAG 4022
	Mil-R-398 (US) Type 1	Milspec Class 1, 3 and 5	
RDX / TNT 60/40	DEF (AUST) 5421A	Grade A type 1 (re-crystallised RDX) nominal viscosity 5 seconds Grade A type 2 (re-crystallised RDX) nominal viscosity 12 seconds Grade B (boiled and/or milled RDX)	CS 5446 (UK) MIL-C-401F (US)
Composition A3	ADI-MUL (STAN) 43		MIL-C-440C (US)
Composition TRI	APDC-TS-177		
PE4	DEF (AUST) 5615B		DEF STAN 07-10 (UK)