

TECHNICAL DATA SHEET

NewFINEX™



Description

NewFINEX™ is a Water in Oil (W/O) type emulsion explosive packaged in a 17mm diameter tube. NewFINEX™ has low detonation velocity, low energy, and cap sensitivity, appropriate for controlled blasting. By minimizing backbreak and overbreak, NewFINEX™ enhances blasting efficiency and safety. NewFINEX™ is mainly designed to deliver precision for smooth wall or contour blasting in underground mine and tunnel construction. In particular, the tube and the coupler are designed in a “key and lock” structure so that they are not separated while blasting work is in progress on site.

Features & Benefits



NewFINEX™ is suitable for use in smooth blasting of contour holes in a tunnel. In particular, as the product has excellent shock resistance, there is minimum dead pressure resulting from detonation pressure and channel effect.

Technical Data

NewFINEX™	
Velocity of Detonation [VOD] (m/s) ^[A]	4,400
Density (g/cc)	1.0
Relative Weight Strength (%) ^[B]	80
Relative Bulk Strength (%) ^[B]	98
Water Resistance	Excellent
Minimum Temperature	Down to -20°C
Shelf Life	1 year

[A]: Unconfined @ 17mm diameter

[B]: ANFO = 100% @ 0.8g/cc, calculations with 100MPa

Packaging

NewFINEX™	
Packaging	Plastic Tube
Diameter (mm)	17
Box size (mm)	580 x 370 x185
Length (mm)	500
Weight (g/each)	100
Quantity (each/box)	150
New Explosive weight (kg/box)	15

* The error range of weight/cartridge in the table above is within ±2%

Hazard classification

Authorised Name	NewFINEX™
UN No.	0241
Classification	1.1D
Proper Shipping Name	EXPLOSIVE BLASTING, TYPE E

Safety

When using NewFINEX™, avoid contact with eyes or skin and wash hands thoroughly after handling. Keep NewFINEX™ away from sources of heat, sparks, flame or hot surfaces and avoid mixing with combustibles or incompatible materials.

Storage

All explosives are classified as Dangerous Goods and must be stored and secured in accordance with relevant local and national regulations.

Disclaimer

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NewFINEX™

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www.hanwhacorp.co.kr/eng/explosives

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The use of Product is an intrinsically dangerous activity and must be restricted to qualified and trained users in possession of any necessary permits and licenses, and comply at all times with appropriate safety and risk prevention measures and with applicable laws.

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Please contact the following offices for any emergency or enquiry.

Head Office (Korea)

Hanwha Corporation

Hanwha Building 17th floor
86 Cheonggyecheon-ro, Jung-gu
Seoul, Korea 04541

TEL. +82 2 729 1629

FAX. +82 2 729 1850

E-mail commercial@hanwha.com

HMS INDONESIA

PT. Hanwha Mining Services Indonesia

Talavera Office Park, Suite Area, 21th Floor
JL. TB Simatupang Kav 22 Cilandak
Barat Jakarta Selatan 12430

TEL. +62 21 2782 8378

FAX. +62 21 2782 8643

E-mail hmsindonesia@hanwha.com

HMS AUSTRALIA

Hanwha Mining Services Australia Pty Ltd

Level 9, 132 Arthur Street North Sydney NSW 2060
Australia

TEL. +61 416 770 529

Emergency 1800 054 055

E-mail australia@hanwha.com

HMS LATIN AMERICA

Hanwha Mining Services Chile

Alonso de Cordova 5870, Office 707, Las Condes,
Santiago, Chile

TEL. +56 2 2993 7546

E-mail hmschile@hanwha.com

HMS USA

Hanwha Mining Services USA

420 East South Temple Suite 260, Salt lake City
UTAH 84111, USA

TEL. +1 801 336 1553, 1602

FAX. +1 801 384 0567

E-mail leehw@hanwha.com

SOUTH AFRICA

Hanwha Corporation Johannesburg

Cedar Office estate Block 1, Unit 1A
Corner Stinkwood Cl & Cedar Rd broad acres
2021, Johannesburg, South Africa

TEL. +27 11 317 7300

FAX. +27 11 465 0499

E-mail yhlee@hanwha.com

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