

MEGAMITE™

Water in oil emulsion cartridged explosives

Product description

Megamite™ packaged explosives provide reliable blasting solutions to hard rock mining, quarrying and construction applications. The emulsion has a firm rheology and is packed into plastic sleeves of various dimensions. The Megamite™ product range offers various high energy options and can be supplied in a number of different lengths and diameters. Please contact the BME representative for customisation of packaging.



Product	Relative weight strength	Relative bulk strength	Nominal density (g/km ³)
Megamite™	0.88	1.24	1.14
Megamite Plus™	0.94	1.32	1.14
Megamite Super™	1.03	1.45	1.14
Megamite Super Plus™	1.09	1.53	1.14

Application

Megamite™ is suitable for underground mining applications, blasting in opencast mines and civil blasting operations

Features

- **Nominal density** – 1.14 g/ml ± 0.06 g/cm³
- **VOD** – 3500 – 5000 m/s dependant on hole and rock characteristics
- **Gap sensitivity** – contact required for propagation

Recommendations

- **Shelf life** – 12 months from date of manufacturing. Store under recommended storage conditions
- **First aid** – refer to Material Safety Data Sheet for first aid information
- **Safety** – all explosives are classified as dangerous goods and can cause death, personal harm or damage to property if not used correctly
- **Transportation and storage** – all explosives must be transported and stored in accordance with relevant regulations

Packaging

- Cartridges are packed in boxes with a 25 kg mass (without stemming)

Cartridge size (mm)	Nominal weight (g) (±3g)	Nominal count (Units)
25 x 270	150	167
29 x 270	200	125
32 x 270	250	100
38 x 270	346	72
45 x 270	484	51
50 x 270	600	42
50 x 580	1295	19
25 x 200	110	227
32 x 580	528	47
38 x 580	746	33
45 x 580	1047	24

Product risk profile

- Classified as hazardous substance, dangerous goods with mass explosion hazard
- Stable under normal storage conditions
- Risk of explosion by shock, friction, fire or other ignition sources
- DO NOT ATTEMPT TO FIGHT AN EXPLOSIVE FIRE

UN classification (Transport)

- Class 1.1 D, UN No. 0241, EXPLOSIVE, BLASTING, Type E