

ULTEX® (Emulsion explosives)

A new type of emulsion-based explosive with a high power and a high degree of sympathetic detonation, as well as safety -- one of the main characteristics of emulsion explosives.

▶ Characteristics of ULTEX®

1 Safety

Containing water but no organic sensitizer, one of explosives, ULTEX® secures safety in handling, a main feature of emulsion explosives.

2 Power

Emulsion explosives that have realized high density, gas volume, and detonation velocity with advanced emulsion technologies.

3 Sympathetic detonation and impact resistance

Emulsion explosives that have greatly improved in sympathetic detonation and impact resistance with advanced emulsion technologies.

4 Storage quality

Secure detonation with a single No. 6 detonator even after 2-year storage in magazine.

5 Heat resistance

Constituents of ULTEX® can be used even in a high temperature face up to 150°C, but please use packaged product normally at a temperature under 60°C.

6 Water resistance

With W/O emulsion composition covered with oil film, ULTEX® is available even in a face with water hole or springwater.

7 Fumes

Designed to reduce the generation of toxic gases, such as carbon monoxides and nitrogen oxides, ULTEX® is appropriate for use in the pit.

8 Workability

Cartridge wrapping consists of two types -- paper and resin film. Particularly, paper-wrapped ULTEX® has the nature of loading similar to dynamite, so it is easier to make primer charge.

We provide various types of paper-wrapped products ranging from a small-diameter of 25mm to a large diameter of 50mm.



ULTEX® (paper wrapped)



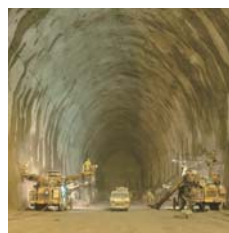
ULTEX® (poly wrapped)

Performance table

Brand name	Condition	Bulk density	Detonation velocity(m/s)	Ballistic pendulum(mm)	Degree of sympathetic detonation on sand (times)	Water resistance	Fumes
ULTEX®	Colloid	1.15~1.23	5,800~6,000	78~84	4~6	Best	Best

Package table

Brand name		Cartridge size			Package size			
		Diameter of cartridge(mm)	Powder amount(g)	Cartridge length(mm)	Number of pieces(pcs)	Net weight (kg)	Gross weight (kg)	Carton size D×W×H(mm)
ULTEX® Paper wrapped	Normal product	25	100	156	200	20	22	571×296×202
		30	100	125	200	20	22	561×396×177
		30	200	253	100	20	22	566×316×212
		40	500	322	40	20	22	451×346×202
		50	750	322	30	22.5	25	580×381×187
	Special product	35	200	195	120	24	26	547×299×242
		50	500	236	40	20	22	526×266×232
ULTEX® Resin film wrapped	Normal product	40	500	350	40	20	22	438×388×186
		50	500	230	40	20	22	528×278×226
		50	750	340	30	22.5	25	536×402×176
		50	1,000	435	20	20	22	488×278×231
	Special product	60	1,000	320	20	20	22	378×328×281
		75	2,000	420	10	20	22	481×412×186
		90	2,000	285	10	20	22	507×322×214



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