



# EMULSION CARTRIDGES



## NITRONIT-P

### DESCRIPTION AND FUNCTION

NITRONIT-P is detonator-sensitive, all-purpose, water resistant packaged emulsion explosive used for surface and underground initiation in wet and dry holes.

### APPLICATION AND STORAGE CONDITIONS

Can be initiated by an electric and non-electric detonator. Use of detonating cord is not recommended. To be stored and used at the ambient temperature from minus 30° C to plus 50° C.

### SHELF LIFE

6 months in proper storage conditions

### TECHNICAL PROPERTIES

Diameter	32 MM, 60 MM, 90 MM
Weight	FROM 0.2 KG TO 3.5 KG (DEPENDING ON THE DIAMETER)
Average density	FROM 1.1 TO 1.25 G/CM <sup>3</sup> (DEPENDING ON THE DIAMETER)
Detonation pressure	7500 MPA
Oxygen balance	- 1.7%
Water resistance at the depth of 15 m	100%
Energy	740 CAL/G
CO <sup>2</sup> output, l/kg	57
Volume of gases, l/kg	990
Open charge critical diameter, mm	14

ADR

UN NO.

**1.1D**



**0241**



VOD (DEPENDING ON DIAMETER)

**5,200 M/S TO 5,600 M/S** ⚡

APPLICATION TEMPERATURE

**-50° C** ▲ **+60° C** ☀



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# EMULSION CARTRIDGES



## PACKAGING

SHIPPING NAME:  
EXPLOSIVE, BLASTING, TYPE E



ADR



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### CAP-SENSITIVE PACKAGED

CARTRIDGE	32 MM	36 MM	36 MM	45 MM	45 MM	45 MM
Weight	0,250 kg	0,300 kg	0,500 kg	0,500 kg	0,600 kg	0,800 kg
Quantity per box	100 pcs.	80 pcs	36 pcs	48 pcs	40 pcs	30 pcs
Box dimensions	340x340x310	380x320x280	500x335x190	360x360x260	360x360x260	480x280x240
Gross weight	25,8 kg	24,8 kg	18,8 kg	24,8 kg	24,8 kg	24,8 kg
Net weight	25 kg	24 kg	18 kg	24 kg	24 kg	24 kg

CARTRIDGE	45 MM	50 MM	60 MM	60 MM	72 MM	90 MM
Weight	0,850 kg	1,0 kg	1,0 kg	1,5 kg	2,0 kg	3,0 kg
Quantity per box	28 pcs	18 pcs	24 pcs	16 pcs	12 pcs	8 pcs
Box dimensions	500x335x190	500x335x190	360x360x260	480x280x240	450x300x220	450x360x190
Gross weight	24,6 kg	18,8 kg	24,8 kg	24,8 kg	24,8 kg	24,8 kg
Net weight	23,8 kg	18 kg	24 kg	24 kg	24 kg	24 kg



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