



NITROCORD

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PENTRITE DETONATING CORD

Application:

Nitrocord - detonating pentrite cords can be used in blast works in non-coal mines and quarrying operations, for demolition and engineering works. The cords can be loaded into dry and wet blasting holes.

Nitrocord 8 - methane pentrite detonating cord can be used for blasting operations in mines, in potentially explosive atmospheres of coal dust and/or methane. The cord can be loaded into dry and wet holes.

Properties:

Types of detonating cords

Parameters	NITROCORD 8	NITROCORD 6-N	NITROCORD 10	NITROCORD 12	NITROCORD 20	NITROCORD 25	NITROCORD 40	NITROCORD 80	NITROCORD 100
Nominal diameter [mm]	4,8 ± 0,2	4,0 ± 0,2	5,2 ± 0,2	5,4 ± 0,2	7,0 ± 0,3	7,2 ± 0,3	8,5 ± 0,4	11,5 ± 0,5	12,0 ± 0,6
Nominal length on a spool [m]	50 ± 0,5	250 ± 2,5 100 ± 2,0 50 ± 0,5		250 ± 2,5 200 ± 2,0 100 ± 1,0	150 ± 1,5		100 ± 1,0	50 ± 0,5	
Nominal pentrite weight in 1m [g]	8 +0,6/-0,2	6 +0,6/-0,2	10 ± 1,0	12 ± 1,0	20 ± 1,5	25 ± 1,5	40 ± 3,0	80 ± 4,0	100 ± 5,0
Detonation speed [m/s]	6900 ± 5%								
Sensitivity to priming	cap or fuse containing at least 0.6 g of pentrite								
Identification threads	red, 2 pcs.								
Sheath colour	white	red							

Packaging:

Primary packaging: felt and cardboard spool.

Secondary packaging: cardboard box containing 1 to 6 spools with cord.

Conditions for storage and use:

	NITROCORD 8	NITROCORD 6-N	NITROCORD 10			
Conditions for storage	from 0°C to 45°C					
Conditions for use	from -20°C to +60°C	from -20°C to +50°C				
Warranty period	24 months					
	NITROCORD 12	NITROCORD 20	NITROCORD 25	NITROCORD 40	NITROCORD 80	NITROCORD 100
Conditions for storage	from -20°C to +50°C					
Conditions for use	from -20°C to +50°C					
Warranty period	24 months					

Approvals and classification:

CE certificate:	GIG WE No 1453.EXP.04.0001 (NITROCORD 8), GIG WE No 1453.EXP.05.0077 (NITROCORD 6-N), BAM EG No 0589.EXP.2643/01 (NITROCORD 10), BAM EG No 0589.EXP.3585/99 (NITROCORD 12), BAM EG No 0589.EXP.3584/99 (NITROCORD 20), BAM EG No 0589.EXP.1293/02 (NITROCORD 25), BAM EG No 0589.EXP.3560/99 (NITROCORD 40), BAM EG No 0589.EXP.0599/99 (NITROCORD 80), BAM EG No 0589.EXP.0600/99 (NITROCORD 100)
Classification certificate:	No 027/IPO-BW/2011 (NITROCORD 8), No 07/IPI-BW/2011 (NITROCORD 6-N, NITROCORD 1C, NITROCORD 12, NITROCORD 20, NITROCORD 25, NITROCORD 40, NITROCORD 80, NITROCORD 100)
Proper shipping name:	Detonating cord
UN number:	0065
Class:	1
Qualification code:	1.1 D