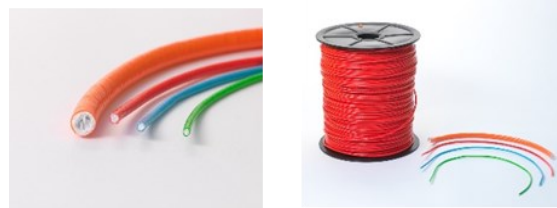


Britacord®

Detonating Cord


DESCRIPTION

Britacord® is a PVC outer coated detonating cord that comes in core loads of 18 gr/ft (3.6 g/m) to 500 gr/ft (100 g/m). It is used for the initiation of blast patterns in underground and open cut. It is used in conjunction with non-electric detonators or cord sensitive boosters. The R-Series (as in NP10R) is a reinforced version with increased tensile strength.



BRITACORD® TECHNICAL CHARACTERISTICS

	NP03	NP05	NP05R	NP10	NP10R	NP20	NP40	NP60	NP80	NP100
Coating Color	Green	Blue	Blue	Orange	Orange	Orange	Orange	Orange	Orange	Orange
Nominal Core Load (gr/ft – g/m)	18 (3.6)	25 (5)	25 (5)	50 (10)	50 (10)	100 (20)	200 (40)	300 (60)	400 (80)	500 (100)
Outside Diameter (in – mm)	0.13 (3.2)	0.15 (3.8)	0.15 (3.8)	0.19 (4.8)	0.19 (4.8)	0.24 (6.0)	0.33 (8.5)	0.36 (9.1)	0.44 (11.3)	0.48 (12.2)
Tensile Strength (lbF – kgF)	110 - 50	110 (50)	175 (80)	175 (80)	242 (110)	175 (80)	175 (80)	175 (80)	175 (80)	175 (80)
Min Detonation Velocity (ft/s – m/s)	22,300 (6,800)									
Cold weather enhanced (down to -30° C) detonating cord is available on request										
Transport and UN Numbers	UN0065									
	Class 1 Division 1									
	1.1D									





BRITACORD® DIMENSIONS AND CASE QUANTITIES

	NP03	NP05 / NP05R	NP10 / NP10R	NP20	NP40	NP60	NP80	NP100
Reel Length ft (m)	3,280 (1,000)	2,460 (750)	1,640 (500)	820 (250)	492 (150)	410 (125)	328 (100)	262.5 (80)
Reels per box	1	1	1	1	1	1	1	1
Reel Dimensions	10.6" x 10.6" x 10.6" – 27 cm x 27 cm x 27 cm							
Case Weights	23.3 lb 10.6 kg	24.7 lb 11.2 kg	24.0 lb 10.9 kg	25.0 lbs 11.4 kg	26.2 lb 11.9 kg	25.5 lb 11.6 kg	23.7 lb 10.8 kg	27.1 lb 12.3 kg
Case Material	Cardboard							
Max Stacking Height	6.6 ft (2.0 m)							

BRITACORD® NP03 / NP05 / NP05R / NP10 / NP10R RECOMMENDED USE

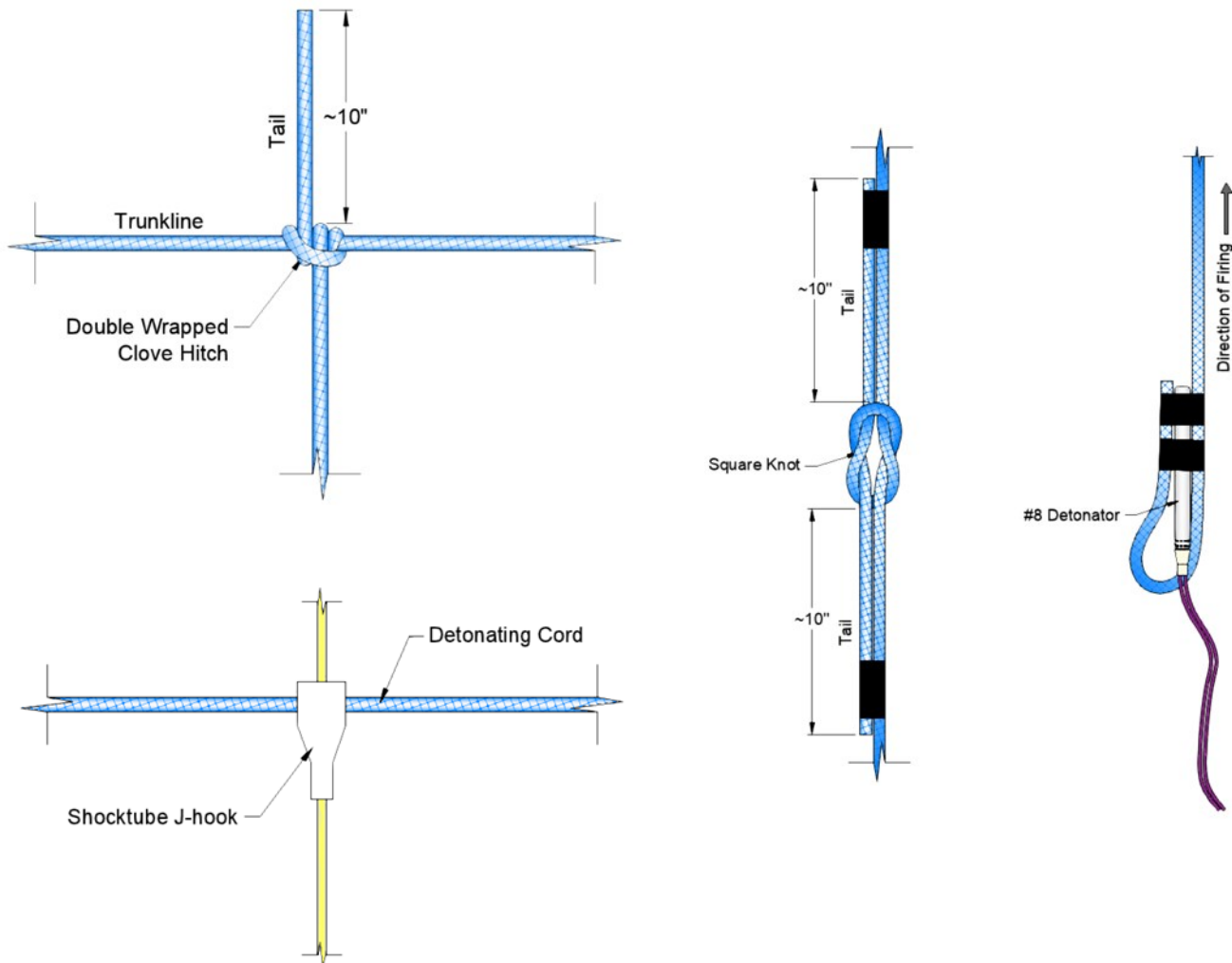
Used in primary and secondary blasting in mining, quarries, and construction. NP03 should only be used to initiate non-electric tubing or other NP03. NP05 and NP05R should be used with cord-sensitive boosters only. Initiate with a #8 strength (USBM) or greater detonator. Only use recommended connections. Remove factory splices and replace with recommended connections. Avoid connections in hole. Allow appropriate tail length at connections if using in wet conditions.

BRITACORD® NP20 / NP40 / NP60 / NP80 / NP100 RECOMMENDED USE

Used in pre-splitting, trim, and sculpture blasting as well as seismic surveying. Initiate with a #8 strength (USBM) or greater detonator. Only use recommended connections. Remove factory splices and replace with recommended connections. Avoid connections in hole. Allow appropriate tail length at connections if using in wet conditions.

BRITACORD® RECOMMENDED CONNECTIONS

For in-line connections a square knot should be used and for perpendicular connections a double wrapped clove hitch should be used. Tails (roughly 10") should be kept in-line or perpendicular to the connection and taped or held in place. Lines should be kept taut and tidy. Factory splices should be removed and replaced with a square knot connection and the tails should be taped. When using a #8 detonator (USBM) to initiate the detonating cord, the detonator should be taped to the detonating cord such that the base charge of the detonator is towards the direction of firing. The tail should be taped to the detonator. The figures below show the two recommended connections and the #8 detonator (USBM) configuration:



BRITACORD® STORAGE AND SHELF LIFE

Keep in original packaging and store in approved Class 1.1D rated magazines under cool, dry, and well-ventilated conditions.

Unused product has a 24-month shelf life.