

Daveynel® Surface Connector | Low Strength non-Electric Detonator

DESCRIPTION

Daveynel® Surface Connector detonators consist of a low strength detonator contained within a surface connection clip. The donor block allows the initiation of up to 5 shocktubes. An optional J-Hook allows the surface connector to be initiated by detonating cord.



DAVEYNEL® SURFACE CONNECTOR TECHNICAL CHARACTERISTICS

	Surface Connector
Detonator Base Charge	250mg Lead Azide
Detonator Shell Material	Aluminum Alloy
Nominal Delays	17 to 300 ms
Shocktube Color	Yellow
Shocktube VOD (ft/s – m/s)	6,650 – 2,000
Tensile Strength	38 lbF – 170 N
Abrasion Resistance	Compliant with EN 13763-4
Water Resistance	58 psi or 4 bar for 7 days
Temperatures	Operating: -22° F to +122° F or -30° C to +50° C – Storage: -40° F to +158° F or -40° C to +70° C
Shelf Life	24 months
Identification	Track and Trace datamatrix
Case Dimensions	18.1" x 9.6" x 12.6" (2,201 in ³) – 46 x 24.5 x 33 cm (0.036m ³)

Transport and UN Numbers

UN 0360 – 1.1B
UN 0500 – 1.4S



DAVEYNEL® SURFACE CONNECTOR DELAYS

Surface Delays	
Connector Color	Delay
Yellow	17
Red	25
White	42
Blue	65
Black	100
Orange	200
Green	300

DAVEYNEL® SURFACE CONNECTOR LENGTHS AND QUANTITIES

	11.8 ft 3.6 m	15.7 ft 4.8 m	19.7 ft 6.0 m	25.6 ft 7.8 m	29.5 ft 9.0 m	33.5 ft 10.2 m	39.4 ft 12.0 m	49.2 ft 15.0 m	59.1 ft 18 m
Units per Case (1.1B)	120	120	100	100	100	80	80	60	-
Case Weight (1.1B) lb (kg)	12.1 (5.5)	14.5 (6.5)	13.5 (6)	15.5 (7)	17.7 (8)	15.5 (7)	17.7 (8)	15.5 (7)	-
Units per Case (1.4S)	240	240	200	160	150	150	150	150	140
Case Weight (1.4S) lb (kg)	27.6 (12.5)	30.9 (14)	29.8 (13.5)	28.7 (13)	29.8 (13.5)	32 (14.5)	35.3 (16)	35.3 (16)	35.3 (16)

Products described herein are potentially hazardous and must be used in accordance with applicable health and safety standards, federal and state laws, rules and other statutory or regulatory provisions. Personnel using Daveynel® Surface Connectors should undertake specific training in the use and handling, relevant to their application. The manufacturer cannot anticipate all of the possible applications for its products. The information is believed to be accurate, though no warranties are made, expressed or implied.