

Detonating Cord

Detonating Cord is a linear explosive consisting of a PETN powder wrapped in a flexible plastic outer coating. Manufactured in the EU EPC-UK is able to supply a comprehensive range of cord weights for a variety of applications.

Detonating cord has a variety of uses in quarrying, mining, civil engineering and other specialist applications. Low strength detonating cords are typically used for the initiation of shock tube in both quarrying and demolition. Higher strength cord is typically used in pre-splitting applications or as a main charge in demolition.

The multilayer construction of the cord ensures a high resistance to tension and abrasion whilst in use.

EPC-UK supply Daveycord and Seicord with the following core loadings and reel lengths:

Daveycord 5g - 200m reel.

Daveycord 12g - 125m reel.

Daveycord 20g, 40g and 70g - 100m reel.

Seicord 100g - 50m reel.



Product and Company Identification

Product Identifier	Detonating cord, Daveycord, Seicord. Types supplied: Daveycord 5, Daveycord 10, Daveycord 20, Daveycord 40, Daveycord 70, Seicord 100. The number indicates the PETN content of the cord in g/m
Use of the Product	Recommended use: the product is generally used in excavation and demolition work and in the mining industry. It can also be used as a linear charge explosive whenever allowed by the current state of the art, for example to produce isolated blocks of rock, for controlled demolitions, for contour and preliminary cutting, and detonation transmission. Never use in the presence of firedamp. Not recommended use: the intended use is specified above. Other uses are not recommended unless an evaluation is conducted before starting use, which provides evidence that the associated risks are being monitored.
Manufacturer / Supplier	EPC-UK EXPLOSIVES
Address	ROUGH CLOSE WORKS CARNFIELD HILL SOUTH NORMANTON ALFRETON DERBYSHIRE, DE55 2BE
Telephone Number	01773 832253
Contact e-mail	info@epc-groupe.co.uk
Emergency Telephone Number	01773 832253

Product Specification

Product Type	Detonating Cord				
Product Name	Daveycord 5g	Daveycord 12g	Daveycord 20g	Daveycord 40g	SEICord 100g
Cord Colour	Yellow	Green		Green	Peach
Core Loading (g/m)	5	12	20	40	100
VOD (m/s)	6900	7000	7000	6500	>7000
Tensile Strength (N)	800	>784	>784	>784	>2647
Outer Diameter (mm)	4.5	5.2	6.2	8.3	12.5
Length/reel (m)	200	125	100	100	50
Reels/box	4	4	4	4	1
Water Resistant	Yes (if cut end sealed)				
Detonator Sensitive	Yes (0.6g of Equivalent PETN)				
Temperature Range (use) °C	-30/+50				
Shelf Life	5 years	4 years	4 years	4 years	5 years
UN Number	UN0065				
UN Description	Cord, Detonating, Flexible				
UN Class/Compatibility Group	1.1D				
CE Mark	0080EXP970081	0080EXP970086	0080EXP970088	0080EXP970090	0080EXP030037



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TERMS AND CONDITIONS: "The products and services that we supply to you are sold subject to our standard Terms and Conditions of Supply and any other Special Conditions that we notify to you. Copies of these conditions are available on request."

The information contained in this leaflet is given without warranty and cannot cover all conditions of use. Users should undertake their own tests to ensure the suitability of the products for their own particular application.

