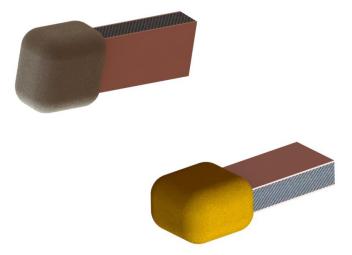
IGNITERS & FUSEHEADS







Igniters

Chemring Energetics UK Ltd (CEUK) has a long established expertise in the design, development and manufacture of igniters.

The Igniters are electrically initiated and can be developed to meet customer specific requirements with regards to initiation, output characteristics and mechanical interfaces.

CEUK Igniters are typically supplied as sealed devices and are manufactured from a proven range of pyrotechnic pressed powders providing tailored output characteristics.

Fuseheads

They form the basis of many stores where reliable initiation of pyrotechnic compositions, propellant trains or explosive trains are required.

A range of Fuseheads are offered with varying operational characteristics and all can be supplied with lead wires attached.

Applications

CEUK Igniters and Fuseheads can be used in a wide variety of applications, including:

- Ignition of liquid monofuels and fuel driven turbines in missile propulsion units.
- Ignition of fuel driven turbines in underwater applications.
- Ignition of solid propellants in gas generators, rocket motors and cartridges.

References - Igniters	
Product Code	Igniters
Hazard Class	1.4G
UN Number	0431
Proper Shipping Name	ARTICLES, PYROTECHNIC for technical purposes

References - Fuseheads	
Product Code	Fuseheads
Hazard Class	1.3G
UN Number	0430
Proper Shipping Name	ARTICLES, PYROTECHNIC for technical purposes

Shipping Information (in approved packaging) - Igniters

Outer Pack	Fibreboard Box	
Quantity per Pack	20 per inner x 100	
Dimensions (mm)	229 x 161 x 141	

Shipping Information (in approved packaging) - Fuseheads

Outer Pack	Fibreboard Box		
Quantity per Pack	1000 max		
Dimensions (mm)	229 x 161 x 141		

Chemring Energetics UK Ltd

Ardeer Site, Stevenston, Ayrshire, KA20 3LN, UK **Tel:** 01294 487007 | **Email**: info@chemringenergetics.co.uk

Registered Office: Ardeer Site, Stevenston, Ayrshire, KA20 3LN

Approved to ISO 9001 | Part of the Chemring Group

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Energetics UK Limited - July 24

Issue 02

For more information visit:

www.chemring.com/chemring-energetics-uk

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IGNITERS & FUSEHEADS



Technical Details - Igniters			
	DR9020	DR9055	
Resistance (Ω)	0.65 - 0.9 ⁽¹⁾	0.9 - 1.1	
Recommended Firing Current (A)	5.0	5.0	
Current Application Times (ms)	10	10	
Max No. Fire Current (A)	1A1W for 5mins	1A1W for 5mins	
Max Test Current (mA)	10	10	
Body Length (mm)	4.98	11.25	
Body Width (mm)	5.18	7.65	

(1) Resistance measurement taken at glass to metal seal

Technical Details - Fuseheads				
	FH1	FH2	FH3	
Resistance (Ω)	0.9 - 1.6	0.15 - 0.3	10.0 - 16.0	
Recommended Firing Current (A)	1.35	5.00	0.22	
Current Application Times (ms)	10	10	10	
Max No. Fire Current (A)	0.3	0.9	0.05	
Max Test Current (mA)	10	10	10	
Body Length (mm)	6/10	6	6	
Body Width (mm)	5.0	5.0	5.0	

Technical Details - Fuses					
	Type P	Type P/G	Type S	Type E	Type H
Resistance (Ω)	0.9 - 1.6	8.0 - 20.0	0.9 - 1.6	0.9 - 1.6	10.0 - 16.0
Recommended Firing Current (A)	1.20	1.28	1.2	1.2	0.21
Current Application Times (ms)	10	10	10	10	10
Max No. Fire Current (A)	0.3	0.025	0.3	0.3	0.05
Max Test Current (mA)	10	10	10	10	10
Body Length (mm)	10	8/10/12	10	10/12	10/12
Body Width (mm)	1.9	1.9	3/3.5	3.2/3.5	3.2/3.5

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