



PE8 is an advanced formulation plastic explosive used in military and commercial demolition operations, mouldable by hand to form demolition charges of various shapes and weights.

### Application

- On-site loading of user-filled charges.
- General cutting purposes ranging from the most basic to very sophisticated tasks
- Explosive Ordnance Disposal - bomb and mine clearance tasks
- Explosive welding and forming
- Easily cut with a sharp knife to match the charge weight to the target

### Description

PE8 is fully compliant with the UN Convention on the Marking of Plastic Explosives for the Purposes of Detection and is an insensitive, RDX-based high explosive suitable for EOD or general demolition tasks. The specially formulated explosive composition provides a high level of safety whilst maintaining peak performance for metal cutting. It is waterproof and may be deployed underwater if necessary. PE8 is designed to be easily and reliably initiated by CEUK's range of detonators, detonating cord and detonating cord boosters.

PE8 is supplied in a 20kg full military pack containing two 10kg bulk packs each containing five 2kg slab packs. Each slab pack is fitted with two detonator holders to allow rapid deployment.

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### Technical Details

RDX Content	86.5% by weight (nominal)
Plasticiser/ Binder Content	12.5% by weight (nominal)
DMNB Taggant	1% by weight (nominal)
Detonation Velocity (m/s)	8000
Density (g/cm <sup>3</sup> )	1.57
Mass (g)	500
NEQ (kg)	20 (per logistic pack)
Temperature (°C)	-46 to +71
Storage Life (yrs)	5

### References

Product Code	PE8
NATO Stock Number	1375-99-488-9723
Hazard Class	1.1D
UN Number	0084
Proper Shipping Name	EXPLOSIVE BLASTING TYPE D

### Shipping Information (in approved packaging)

	Outer Pack	Outer Logistic Pack	Inner Tactical Pack	2kg Slab Pack
Quantity per Pack	40	20	20	4
NEQ (kg)	20	10	10	2
Gross Weight (kg)	37.9	12.5	12.5	2.5
Net Weight (kg)	20	10	10	2
Dimensions	523 x 464 x 267	350 x 229 x 232	350 x 229 x 232	290 x 214 x 36

For more information visit:

[www.chemring.com/chemring-energetics-uk](http://www.chemring.com/chemring-energetics-uk)

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