



120 mm (Split Ring Ans Flake)



General

These increments charge are fired by all 120mm mortar. There are kinds of double-base propellants containing NC, NG, plasticizer and stabilizer.

Packing Split Ring:

It is charged in Viscose rayon ring shape bag, and each set is packed inside PE bags.

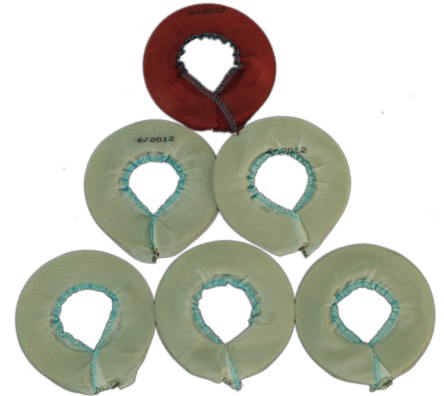
Packing flake: It is charged in horseshoe celluloid and each set is packed inside PE bags.

Storage: Should be stored in -10 up to +30°C

Shelf life: 15 years (min)

TECHNICAL SPECIFICATIONS

Form	Split ring	Flake
Dimension (mm)	-	5 × 5
Inner Diameter(mm)	55 ± 1	-
Outer Diameter (mm)	105 ± 1	-
Mean web thickness (white bag charge) (mm)	0.48 - 0.54	0.5 - 0.6
Mean web thickness (red bag charge) (mm)	0.17 - 0.23	0.27 - 0.33
Moisture (%)	< 0.5	< 0.5
Heat of explosion (cal/gr)	1250 ± 20	1250 ± 20
Stability at 120°C(min)	≥ 40	≥ 40



BALLISTIC SPECIFICATIONS

Form	120mm	120mm LR
Total charge (gr)	~360 (ch 9)	~420 (ch 9)
Velocity at 21°C (m/s)	306 ± 4	306 ± 4
Std. Dev. of Velocity at 21°C (m/s)	≤ 2	≤ 2
Max. pressure (bar)	900	900
Moisture (%)	< 0.5	< 0.5
Heat of explosion (cal/gr)	1250 ± 20	1250 ± 20
Stability at 120°C(min)	≥ 40	≥ 40



Note: Another kind of increment charges are produced for 120mm mortar with single-base propellant (M10) charged in horseshoe celluloid.

