



RH11 HE-05 PF7700

HIGH EXPLOSIVE FRAGMENTATION WARHEAD

The RH11 HE-05 PF7700 High Explosive Fragmentation warhead consists of more than >7,700 tungsten carbide spheres that are embedded in a plastic shell. The main charge uses insensitive qualified explosives. The design is tailored for mass production.

The warhead geometry and the size of the spheres have been chosen for maximized effects against unprotected and light protected personnel targets. The warhead has a limited effectiveness against light armoured targets to achieve mobility kills with a small quantity of larger spheres in the tip. The maximum lethal radius is well in excess of 9 meters at steep attack angles.

TECHNICAL DATA

Diameter	55 mm
Length without fuze	70 mm
Total mass	430 g
Net explosive quantity	170 g
Number of spheres	>7,700
Diameter of spheres	1.5 – 3.0 mm
Lethal radius	>9 m
Material spheres	Tungsten-carbide