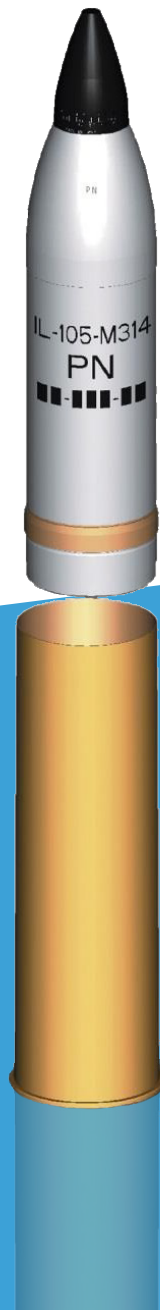


105 MM ILLUM M314A3

This round is used for 105 mm howitzer M52 and M52A1 (M49 gun), M101 and M101A1 (M2A1 and M2A2 guns), M108 (M103 gun) and M56 Pack Howitzer.

Used for signaling or for illuminating a designated area smoke screens and signals with a limited incendiary effect.



TECHNICAL CHARACTERISTIC

ROUND		RANGE	
Type:	Half-crimped, illuminating	Approximate max. range	11,270 m
Model:	M314A3		
Length:	820 mm		
Mass:	21.0 ÷ 21.5 kg (including cardboard case)		
PROJECTILE			
Type:	Illuminating	PRESENTATION OF THE PRODUCT	
Body material:	Forged steel	1 round in watertight carboard case	
Length:	390 mm (without fuze)	2 cardboard cases in wooden case	
		Cases with 2 rounds:	
		• Weight:	54 kg
		• Length:	944 mm
		• Width:	308 mm
		• Height:	196 mm
		• Volume:	0.057 m ³
Marks:	White w/black markings		
Mass:	14.7÷15.2 kg (with fuze, depending of the weight zones)		
CASE			
Model:	M14		
Material:	Brass		
Length:	372 mm		
Mass:	2.68 kg		
PRIMER			
Type:	Percussion		
Model:	M55A		
PROPELLING CHARGE		CLASSIFICATION	
Type:	Single base	ONU No.:	0171
Designation:	M67	NOC:	1315-33-002-2006
		Group:	1.2 G

Once the fuze setting time has elapsed, the fuze operates and ignites the expulsion charge. The combustion gases separate the flare and the parachute and also produce ignition of the flare. At this time the opening of the flare fins takes place and its rotation is braked.