

105 MM WP F1

This round is used for all of the guns in the STANAG 4458. Used for producing smoke screens and signal, and for training purpose.



TECHNICAL CHARACTERISTIC

ROUND		BALLISTIC DATA	
Type:	Crimped	Muzzle velocity:	695 m/s
Model:	F1	Chamber pressure:	< 421 MPa
Length:	990 mm		
Mass:	21.7 kg	Approximate maximum range:	11,300 m
		Effective range:	3,500 m
PROJECTILE		PRESENTATION OF THE PRODUCT	
Type:	Smoke	1 round in watertight cardboard case	
Body:	Forged steel (light green painted)	2 cardboard cases in wooden case	
Length:	443 mm with fuze		
Fragmentation C.:	0.12 kg HT	Cases with 2 rounds:	
Smoke charge:	1.70 kg WP	• Weight:	67 kg
Fuze:	Percussion, M739 or equivalent	• Length:	1,180 mm
Marks:	Yellow with red band	• Width:	364 mm
Mass:	12.8 kg	• Height:	221 mm
		• Volume:	0.093 m ³
CASE		Pallets with 24 rounds:	
Model:	M148L	• Weight:	814 kg
Material:	Brass	• Length:	1,200 mm
Length:	615.3 mm	• Width:	1,100 mm
Mass:	6.1 kg	• Height:	1,030 mm
		• Volume:	1.36 m ³
PRIMER		CLASSIFICATION	
Type:	Electric	ONU No.:	0245
Model:	1 ¼"x378 mm	NOC:	1315-33-002-1997
Load:	40 g black powder	Group:	1.2 H
PROPELLING CHARGE			
Type:	Single base		
Designation:	LB7T70		
Characteristics:	Multiperforated		
Mass:	~ 2.4 kg		

On the impact of the projectile on the target, the fuze detonates the incendiary charge, producing the rupture of the projectile and dispersing the white phosphor. A tight smoke cloud for occultation on earth is produced.