01 / PRODUCT OVERVIEW

20 mm x 102, HE

20x102 mm HE

FIG 01 PRODUCT CONFIGURATION

1030 +/- 15 m/s	100 +/- 1.7 g	approx. 259 g	4300 bar
MUZZLE VELOCITY	PROJECTILE MASS	ROUND MASS	MEAN MAX PIEZOPRESSURE (GROUP OF ROUNDS)

01.1 / OVERVIEW

20x102 mm high-explosive round with a 100 g projectile carrying 10.7 g of explosive, muzzle velocity 1030 m/s, for the M621 gun.

TYPE	CALIBRE	STANDARD
HE	20x102 mm	NATO

PROCUREMENT AND COMPLIANCE

Supply is exclusively for government and institutional end-users. Availability is subject to destination screening, a state-issued export licence and a verified End-User Certificate.

All data provided for information purposes; final specification is defined per contract.

02 / TECHNICAL SPECIFICATION

TECHNICAL DATA

20 mm x 102, HE / AMMUNITION

IDENTITY AND CONSTRUCTION

Projectile type	HE (high explosive)
Projectile mass	100 +/- 1.7 g
Fuze arming distance	183 +/- 23 m

BALLISTIC PERFORMANCE

Muzzle velocity	1030 +/- 15 m/s
Mean max piezopressure (group of rounds)	4300 bar
Max single piezopressure	4500 bar
Operating temperature	-30 to +50 deg C

DIMENSIONS, MASS AND SUPPLY

Round mass	approx. 259 g
Explosive mass	approx. 10.7 g
Propellant mass	approx. 38 g
Round length	166.87 to 167.25 mm
Packing	60 rounds in an Al-bag, bag in a nailed case, 30 cases per pallet

ADDITIONAL TECHNICAL DATA

Weapon compatibility	20 mm gun M621

All data provided for information purposes; final specification is defined per contract.