TECHNICAL DATA

FN® 12.7x99mm
NATO/ .50 cartridges

	M33 Ball	Tr-M17 Tracer	AP-M8 Armor Piercing	AP-T115 Armor Piercing Tracer	API-M8 Armor Piercing Incendiary	APIT-M20 Armor Piercing Incendiary Tracer	APEI-169 Armor Piercing Explosive Incendiary	FN ARIA® Reduce Range	FN ARIA®-T Reduce Range Tracer	Blank	Blank SBFSA Safe Blank Firing System Ammunition
Projectile weight	≈ 42 g ≈ 649 gr	≈ 41.8 g ≈ 644 gr	≈ 42.6 g ≈ 658 gr	≈ 40 g ≈ 622 gr	≈ 43 g ≈ 664.5 gr	≈ 40 g ≈ 622 gr	≈ 43.6 g ≈ 673 gr	≈ 38 g	≈ 38 g	N/A	N/A
Perforation[1] [2]	No	No	Yes	Yes	Yes	Yes	Yes	No	No	N/A	N/A
Velocity at 24m (45" barrel)	≈ 900m/s	≈ 900m/s	≈ 900m/s	≈ 910m/s	≈ 900m/s	≈ 910m/s	≈ 890m/s	≈ 1,000m/s	≈ 1,000m/s	N/A	N/A
FN AZURON® properties:											
- Propellant without DPD	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
- Green primer	No	No	No	No	No	No	No	No	No	No	No
- Lead-free projectile	No	No	No	Yes	No	Yes	No	Yes	Yes	N/A	N/A

(1) 22mm thick, with a 321 - 375 brinell hardness, placed at 0° obliquity at 100m
(2) 10.5mm thick, with a 321 - 375 brinell hardness, placed at 45° obliquity at 100m

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