SR 500 Ballistic Protection Steel

America's Premier Metals & Plastics Service Center

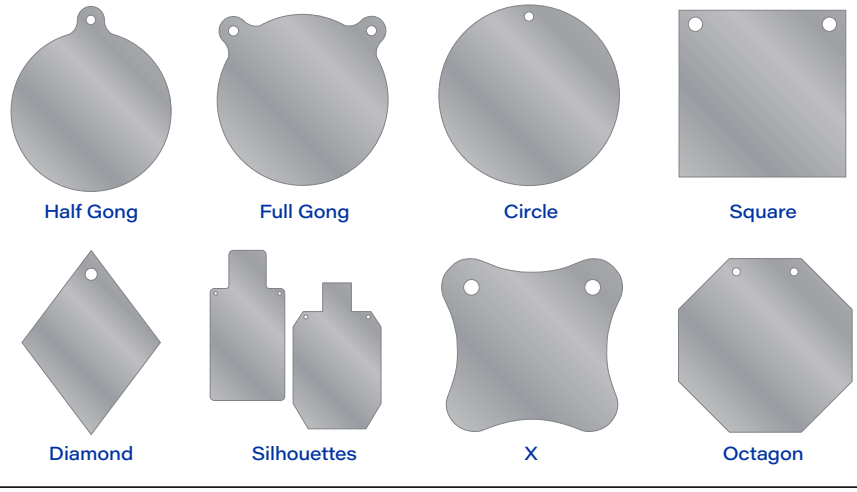
Alro stocks 1/4", 3/8", and 1/2" thick in hardness 500-590 HBN

Alro Steel offers SR 500 Ballistic Protection Steel which is well suited and specifically designed for shooting ranges and target manufacturers. We are your competitive advantage for your future designs of protective equipment. We decided to stay on the safe side, we think you should too.

- **SR 500 can be certified to ballistic level by caliber.**
  - **Will your AR (Abrasion Resistant) 500 supplier do that?**
- **Able to be Laser, Plasma or Waterjet cut per print**
- **No edge cracking or chipping from thermal process (HEZ)**
- **Formable to ANSE Standards**

Please refer to the backside of this flyer for property comparisons.

SR 500 Target Patterns - Alro can provide per print shapes



State of the art equipment allows us to provide many standard target patterns. Ask your Alro representative for more information.

alro.com

Alro Steel
Metals & Plastics

SR 500 Ballistic Protection Steel

Specifically designed for shooting ranges and target manufacturers

Protection Plate

	Thickness*	Hardness (HBN)	Impact (J) 40° C, T L
Mil Spec MIL DTL 46100E	3/16" to 1"	477 - 534	39
Armox® Advance	4 mm to 12 mm	617 - 706	Typical 15
Ramor® 600	3 mm to 6 mm	570 - 640	Typical 25
Target SR 500	**3/16" to 1/2"**	**500 - 590**	**Typical 32**

* Thickness range includes unofficial thickness

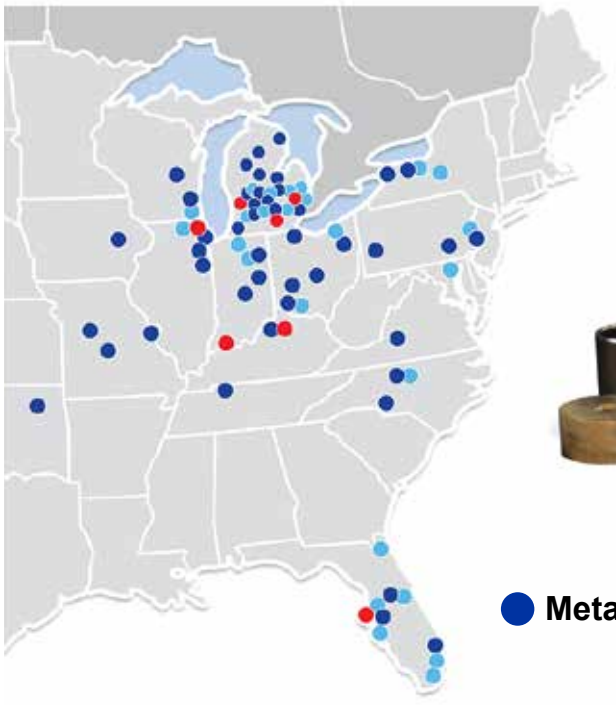
SR 500 - Shooting Range and Target Steel

The ballistic recommendations do need to reference SR 500 as that is what product they are specific to.

	Typical Threat	Distance*	Suggested Thickness**
Handguns	9mm, .357 Mag, .44 Mag, .45 APC	15 feet	3/16"
Shotguns	12 gauge solid or buckshot	15 feet	3/16"
Bolt action and semi auto rifles	7.62 x 51 M80 Ball, 5.56 x 45 M855, .308 FMJ	30 feet	1/4"
	5.56 x 45 M193, .223 FMJ, 30-06 FMJ	30 feet	3/8"

* Distance - Typical distance test. **Suggested Thickness - Contact Alro Steel for further information.
These are guidelines only and the end user has to verify that the ordered plate thicknesses are suitable in the actual application.

Aluminum • Alloy • Carbon Steel • Stainless Steel • Tool Steel • Red Metals • Plastics



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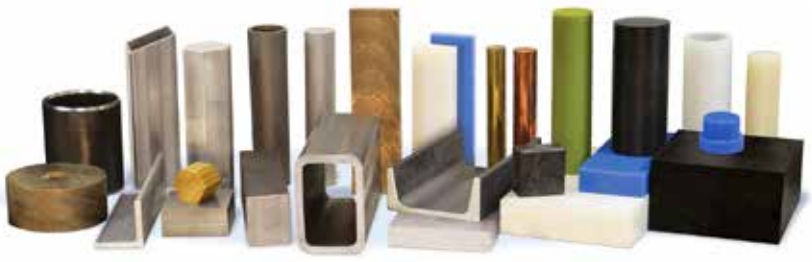

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