

**SSAB SHAPE™**  
TAILORED SOLUTIONS



**SHAPE TUBES**

**HARDOX 500**

Hardox is a well-established name for hard and tough wear plates. Now its outstanding qualities are also available in the form of Hardox Tube 500.

Hardox Tube 500 is suitable for transporting all types of abrasive materials such as wet concrete, soil, gravel and ore slurry. Its extreme wear resistance allows for a lighter product with a long service life. Hardox Tube 500 can extend the service life in many applications by two, three, five times or more compared with mild steel tubes.

**SSAB**

# HOW SHAPE MAKES THE DIFFERENCE

- ▶ Extreme resistance to wear.
- ▶ Extended service lifetime
- ▶ High wear resistance
- ▶ Outstanding performance
- ▶ Lighter product solution

Read more about our successful cooperations at [www.ssab.com](http://www.ssab.com)

## PRODUCT DESCRIPTION

SSAB has developed a range of wear resistant steel tubes that are suitable for transporting all types of abrasive materials. Hardox Tube 500 complies with EN 10219 in terms of dimension tolerances and testing.

Hardox Tube 500 was developed to obtain outstanding performance in any application where high wear resistance in combination with a lighter product solution is beneficial.

To ensure consistent properties and narrow tolerances, Hardox Tube 500 is roll formed and plasma welded before quenching. This guarantees that the mechanical properties in the weld are the same as in the rest of the material. Hardox Tube 500 complies with EN 10219 in terms of dimension tolerances and testing.

## DIMENSIONS

Hardox Tube 500 is available in a wide range of thicknesses and diameters. Tubes can be ordered from stock in 70-133 mm diameters in thicknesses 2, 3, 4, 5, 6 mm, as shown in the Hardox Tube 500 brochure. Custom made tubes in thinner materials and other diameters are also available.

## PROCESSING

Hardox Tube 500 can be delivered pre-processed according to your needs. Cold cutting or laser cutting are some of the services that can be performed.

If you prefer to process the tubes in your own workshop, it's good to know that machining and welding can be performed with conventional tools and working procedures. You are always welcome to contact SSAB for technical support regarding material properties and processing techniques.

## LENGTH

Standard length 6 m.

## WELDABILITY

See SSAB's welding recommendations.

## PRICE

Depending on quantity, dimension and lead time, the price varies. For more information, contact your local sales representative.

## DELIVERY TIME

When the material is available from stock, the normal delivery time is within 2 to 3 weeks. If new rolling is required, lead time is 8 to 10 weeks.

## PACKING

Standard SSAB tube packing.

## DELIVERY

Ex works.

## THIS IS SSAB SHAPE

SSAB Shape is a part of SSAB's offering that begins with High Strength Steel and provides a variety of refined services on different levels. From the simplest processing like bending and cutting, to finished applications and patents.