

# Kitemark™ Certificate

This is to certify that:

Shanxi Solid Industrial Co., Ltd.  
1501 , Building B, DingYuanTimes Center  
YingZeNanJie  
Taiyuan  
Shanxi  
030001  
China

Holds Certificate Number:

KM 669933

In respect of:

**BS EN 545**  
**Ductile iron pipes, fittings, accessories and their joints for water pipelines**

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Certificate provided at or from the above address.

For and on behalf of BSI:

Shahm Barhom, Group Product Certification Director

First Issued: 2017-05-16

Effective Date: 2022-09-14

Latest Issue: 2022-09-14

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# Kitemark™ Certificate

No. KM 669933

**BS EN 545:2010 - Ductile iron pipes, fittings, accessories and their joints for water pipelines. Requirements and test methods.**

## Centrifugally cast ductile iron pipes

Description	Nominal Size	Length (m)
Pipes with push-in flexible joints, Class C series	DN 80 – DN 1000	5.5; 6.0
Pipes with push-in flexible joints, Class K* series	DN 80 – DN 1000	5.5; 6.0

\* As designated in BS EN 545:2006.

## Ductile iron pipe fittings

Description	Size range
Flanged Sockets	DN 80 – DN 1000
Flanged Spigots	DN 80 – DN 1000
Mechanical Joint & Socket Joint Collars	DN 80 – DN 1000
Double Socket 90° Bends	DN 80 – DN 1000
Double Socket 45° Bends	DN 80 – DN 1000
Double Socket 22.5° Bends	DN 80 – DN 1000
Double Socket 11.25° Bends	DN 80 – DN 1000
Double-Socket Tees with Flanged Branch	DN 50 – DN 1000
Double Flange 90° Bends	DN 80 – DN 1000
Double Flange 45° Bends	DN 80 – DN 1000
Double Flange 22.5° Bends	DN 80 – DN 400
Double Flange 11.25° Bends	DN 80 – DN 400
Double Flange Duckfoot 90° Bend	DN 80 – DN 1000
All Flange Tees	DN 50 – DN 1000
All Socket Tees	DN 80 – DN 300
Double Socket Tapers	DN 80 – DN 1000
Double Flange Tapers	DN 50 – DN 1000
Blank Flanges	DN 80 – DN 1000
Reducing Flanges	DN 80 – DN 1000
Flanges	DN 80 – DN 1000

The above pipes and fittings may be marked with the following brand names:  
SOLID, SLD, MIDAS, MDS

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To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

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