

Kitemark™ Certificate

This is to certify that:

TIANYI SUNS PIPE&FITTINGS CO.,LTD.
2802, Building B, Yangguangcheng
No.8 Changxingnanjie
Jinyuan District, Taiyuan
Shanxi
030021
China

Holds Certificate Number:

KM 804151

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: 2024-09-20

Effective Date: 2024-09-20

Latest Issue: 2024-09-20

Expiry Date: 2027-09-19

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Kitemark™ Certificate

No. KM 804151

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

Product:	Pipes		
	Material:	Ductile iron	
	Installation/use:	Above or below	
	Branded as:	SOLID, SLD, MIDAS, MDS, TIANYI SUNS, TYS	
Description	Nominal size, DN/OD (mm)	Length (m)	Manufacturing Location
Pipes with push-in flexible joints, Class C Series	DN 80 – 1000	5.5, 6.0	000
Pipes with push-in flexible joints, Class K Series*	DN 80 – 1000	5.5, 6.0	000
Pipes with Welded-on/Cast-on Flanges	DN 80 - 1000	≤5.7	000
Pipes with Screw-on Flanges	DN 80 – 300	≤5.85	000
Note:	* As designated in BS EN 545:2006.		

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This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Kitemark™ Certificate

No. KM 804151

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

Product:	Fittings	
	Material:	Ductile iron
	Installation/use:	Above or below
	Branded as:	SOLID, SLD, MIDAS, MDS, TIANYI SUNS, TYS
Description	Nominal Size, DN/OD (mm)	Manufacturing Location
Flanged socket	DN 80 – 1000	000
Flanged spigot	DN 80 – 1000	000
Double Flanged 11.25° Bends	DN 80 – 400	000
Double Flanged 22.5° Bends	DN 80 – 400	000
Double Flanged 45° Bends	DN 80 – 1000	000
Double Flanged 90° Bends	DN 80 – 1000	000
Double Flanged Duckfoot 90° Bend	DN 80 – 1000	000
Flanges	DN 80 – 1000	000
Blank flanges	DN 80 – 1000	000
Reducing flanges	DN 80 – 1000	000

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

Product:	Fittings continued.....	
	Material:	Ductile iron
	Installation/use:	Above or below
	Branded as:	SOLID, SLD, MIDAS, MDS, TIANYI SUNS, TYS
Description	Nominal Size, DN/OD (mm)	Manufacturing Location
All Flange Tees	DN 50 – 1000	000
Double Flanged Tapers	DN 50 – 1000	000
Double Socket Tees with Flanged Branch	DN 50 – 1000	000
Mechanical Joint & Socket Joint Collars	DN 80 – 1000	000
Double Socket 11.25° Bends	DN 80 - 1000	000
Double Socket 22.5° Bends	DN 80 – 1000	000
Double Socket 45° Bends	DN 80 – 1000	000
Double Socket 90° Bends	DN 80 – 1000	000
All Socket Tees	DN 80 – 300	000
Double Socket Tapers	DN 80 – 1000	000

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