



水務署
Water Supplies Department

總部 Headquarters

香港灣仔告士打道七號入境事務大樓 48 樓

48/F, Immigration Tower, 7 Gloucester Road, Wan Chai, Hong Kong

本署檔號 : (8) in WSD 3321/2024 T/J(13/2024)
Our ref.
來函檔號 :
Your ref.

電話 :
Tel.
傳真 : 2824 0578
Fax.

24 May 2024

**Approval of “KEY” Ductile Iron Fittings
(General Acceptance No. A20240015)**

Your letter ref. BK2024-KEYF-002 dated 2 January 2024 and subsequent submissions received by this department up to 29 April 2024 refer.

The licence no. KM 645979 has been examined. It is noted that the British Standards Institution (BSI) has granted Suns Pipelines Company Limited the right and licence to use the Kitemark for goods as set out below. This Authority accepts that the fittings described below based on Kitemark certificate and WRAS certificate comply with, and their use when correctly installed does not contravene, the Waterworks Ordinance and Regulations.

Name of Manufacturer: Suns Pipelines Company Limited

Country of Origin: the Mainland of China

Brand: Key

Details of Fittings: Ductile iron fittings with epoxy powder coating under WRAS approval no. 2101533

Description	Size (mm)
Double Socket 90° Bend	80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600
Double Socket 45° Bend	80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600
Double Socket 22.5° Bend	80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600
Double Socket 11.25° Bend	80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600
Double Socket Tees with Flanged Branch	80x80x50, 80x80x80, 100x100x50, 100x100x80, 100x100x100, 150x150x50, 150x150x80, 150x150x100, 150x150x150, 200x200x80, 200x200x100, 200x200x150, 200x200x200, 250x250x80, 250x250x100, 250x250x150, 250x250x200, 250x250x250, 300x300x80, 300x300x100, 300x300x150, 300x300x200, 300x300x250, 300x300x300, 350x350x80, 350x350x100, 350x350x150, 350x350x200, 350x350x250, 350x350x300, 350x350x350, 400x400x80, 400x400x100, 400x400x150, 400x400x200, 400x400x250, 400x400x300, 400x400x350, 400x400x400, 450x450x80, 450x450x100, 450x450x150, 450x450x200, 450x450x250, 450x450x300, 450x450x350, 450x450x400, 450x450x450, 500x500x80, 500x500x100, 500x500x150, 500x500x200, 500x500x250, 500x500x300, 500x500x350, 500x500x400, 500x500x450, 500x500x500, 600x600x80, 600x600x100, 600x600x150, 600x600x200, 600x600x250, 600x600x300, 600x600x350, 600x600x400, 600x600x450, 600x600x500, 600x600x600
Double Flange 90° Bend	80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600
Double Flange 45° Bend	80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600
Double Flange 22.5° Bend	80, 100, 150, 200, 250, 300, 350, 400
Double Flange 11.25° Bend	80, 100, 150, 200, 250, 300, 350, 400
Double Flange Duckfoot 90° Bend	80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600
All Flange Tees	80x80x50, 80x80x65, 80x80x80, 100x100x50, 100x100x65, 100x100x80, 100x100x100, 150x150x50, 150x150x80, 150x150x100, 150x150x150, 200x200x50, 200x200x80, 200x200x100, 200x200x150, 200x200x200, 250x250x80, 250x250x100, 250x250x150, 250x250x200, 250x250x250, 300x300x80, 300x300x100, 300x300x150, 300x300x200, 300x300x250, 300x300x300, 350x350x80, 350x350x100, 350x350x150, 350x350x200, 350x350x250, 350x350x300, 350x350x350, 400x400x80, 400x400x100, 400x400x150, 400x400x200, 400x400x250, 400x400x300, 400x400x350, 400x400x400, 450x450x80, 450x450x100, 450x450x150,

Description	Size (mm)
All Flange Tees	450x450x200, 450x450x250, 450x450x300, 450x450x350, 450x450x400, 450x450x450, 500x500x80, 500x500x100, 500x500x150, 500x500x200, 500x500x250, 500x500x300, 500x500x350, 500x500x400, 500x500x450, 500x500x500, 600x600x80, 600x600x100, 600x600x150, 600x600x200, 600x600x250, 600x600x300, 600x600x350, 600x600x400, 600x600x450, 600x600x500, 600x600x600
All Socket Tees	80x80x80, 100x100x80, 100x100x100, 150x150x80, 150x150x100, 150x150x150, 200x200x80, 200x200x100, 200x200x150, 200x200x200, 250x250x80, 250x250x100, 250x250x150, 250x250x200, 250x250x250, 300x300x80, 300x300x100, 300x300x150, 300x300x200, 300x300x250, 300x300x300
Double Socket Tapers	100x80, 150x80, 150x100, 200x80, 200x100, 200x150, 250x80, 250x100, 250x150, 250x200, 300x80, 300x100, 300x150, 300x200, 300x250, 350x80, 350x100, 350x150, 350x200, 350x250, 350x300, 400x80, 400x100, 400x150, 400x200, 400x250, 400x300, 400x350, 450x80, 450x100, 450x150, 450x200, 450x250, 450x300, 450x350, 450x400, 500x80, 500x100, 500x150, 500x200, 500x250, 500x300, 500x350, 500x400, 500x450, 600x80, 600x100, 600x150, 600x200, 600x250, 600x300, 600x350, 600x400, 600x450, 600x500
Double Flange Tapers	65x50, 80x50, 80x65, 100x50, 100x65, 100x80, 150x50, 150x80, 150x100, 200x80, 200x100, 200x150, 250x150, 250x200, 300x100, 300x150, 300x200, 300x250, 350x200, 350x250, 350x300, 400x200, 400x250, 400x300, 400x350, 450x250, 450x300, 450x350, 450x400, 500x250, 500x300, 500x350, 500x400, 500x450, 600x300, 600x350, 600x400, 600x450, 600x500

Body Markings: KEY

Expiry Date: 15 May 2025

In view of BSI granting licence to Suns Pipelines Company Limited on BS EN 545 "Ductile iron pipes, fittings, accessories and their joints for water pipelines" as mentioned above, approval is hereby given to the said water supply fittings to be used on fresh water plumbing systems, flushing water plumbing systems and fresh water fire services systems subject to full adherence to Waterworks installation requirements.

This Authority reserves the right to withdraw the approval given to the use of the water supply fittings if they are found afterwards not suitable for use in the water supply systems mentioned above in terms of quality or unacceptability of material.

For the use of the fittings in any project, the General Acceptance Number of this letter must be quoted as a means of identification of acceptance of the fittings by this Authority.

Should you have any enquiries, please contact our Engineer Mr Albert CHOW at tel. no. 3583 4086.

Yours faithfully,



(Terry KUNG)

for Director of Water Supplies

Encl.

c.c. WSD 3321/1/82] - without catalogue
 ME/MC] - with soft copy only



Double Socket
90° Bend



Double Socket
45° Bend



Double Socket
22.5° Bend



Double Socket
11.25° Bend



Double Socket Tees
with Flanged Branch



Double Flange
90° Bend



Double Flange
45° Bend



Double Flange
22.5° Bend



Double Flange
11.25° Bend



Double Flange
Duckfoot 90° Bend



All Flange Tees



All Socket Tees



Double Socket Tapers



Double Flange Tapers