

BS EN 598:2007 +A1:2009 Ductile Iron Pipe & Fittings Sewerage applications

球鐵排污管及配件





The Characteristics of Ductile Iron Piping Products



*The Standard For Performance

Since its introduction into the construction, drainage and plumbing industries in the 2000's, Ductile Iron Pipe has been recognized as the industry standard for modern waste water systems. More than ten years of field experience have proved its strength, durability and reliability for installations and services for storm drain, waste and vent piping applications.



*Strength and Durability

Ductile Iron's high degree of dependability is primarily due to its high strength, durability and impact-resistance. Designed and manufactured to the industry's standards, Ductile Iron Pipes and Fittings not only resist damage during transportation and handing, but also withstand the demanding operating conditions once installed.



*Quietness

Ductile Iron is known for quiet operation. Its dense molecular structure helps reducing plumbing noise and thus eliminates the noise complaints commonly existed in other piping materials.



*Ease of Installation

Unlike other piping materials, installation is simple. It can be installed in a wide variety of conditions and can be easily cut on site to suit different working lengths.



*Top Safety

Ductile Iron will not burn, support a fire, or give off toxic fumes. Thus ensures the protection of life and property.



*Environmental Friendliness

Ductile Iron is best known for its 100% recyclability which represents a great savings to our environment.

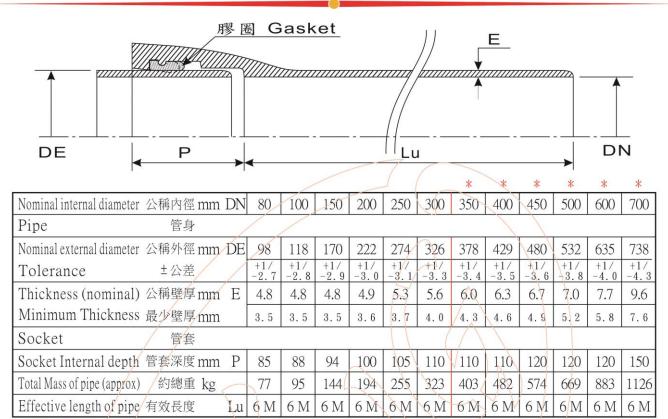
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BS EN 598 K9 Ductile Iron Spigot and Socket Pipe with Flexible Joint (for Sewerage) BS EN 598 K9

承插式柔性膠圈接頭球墨鑄鐵排污管



* Made to order.

National annex NA (informative)

Significant changes from BS 4772

This British Standard is one of the three new application standards for ductile iron pipelines which have been developed by CEN, the other standards being BS EN 545 (water application) and BS EN 969 (gas / sewerage supply). This standard replaces BS 4772: 1988 in respect of sewerage applications, and with the publication of all three application standards as British Standards, BS 4772 will be withdrawn.

This annex has been written to identify the most significant changes from BS 4772 that have been adopted in BS EN 598 and it is not intended to contradict nor replace any of the clauses or provisions in BS EN 598.

This British Standard is the UK implementation of BS EN 598: 2007+A1: 2009. It supersedes BS EN 598: 2007 which is withdrawn.

Specification:

The Pipes and Fittings are supplied with internal lining of cement / high alumina cement mortar.

Externally coated metallic zinc (130g/m²) & Bitumen (70um) in according to ISO 8179.

The Flexible Joints for DI pipes and fittings are designed according to the requirement from HKSAR, which is including sufficient axial movement where the allowable spigot withdrawal of minimum 38mm and minimum angular deflection of 4°

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Pipe - Test Report 管證書

Straightness

Test Report Determination of Straightness of Ductile Iron Pipes, Fittings, Accessories and Their Joints for Sewerage Applications [ISS EN 598: 2007-A1: 2009 clause 42.4]	
Date of issue : 17 April 2018 Page 1 of 1 page(s) Castco LRN : DP0180104-096 ST	
Details as supplied by customers: Customer's TPY Ltd. Address: GPL, No. 120, Tung Tau Tsugm, Shap Pat Heung, Yeaw Long, N.T. Hong Kong Contract No.:— Job title: Sample Description:-	
Sample LD: — Type: Pipe (Centrifugulty Cast with Flexible Joint) Nominal size (DN): 100 Nominal length: 6600 mm Brand: (E) Laboratory set results:	
Date sample received: 04 January 2018 Date of test: 15 January 2018	
Measured straightness of ductile iron pipe 0.45 mm	
Test results complies with Clause 4.2.4 of BS EN 598 : 2007 + A1 : 2009. Test results complies with Clause 4.2.4 of BS EN 598 : 2007 + A1 : 2009.	
Brinell Hardness Checked by: Corrified by: Certified by: C	
CASTCO 生力高試驗中心有限公司 CASTCO 在为高試驗中心有限公司 CASTCO TESTING CENTRE LIMITED	
Test Report Brinell Hardness Test of Duetile Iron Pipes, Fittings and Accessories for Sewerage Applications [IS EN 598 : 2007 4.1: 2007 Clause 4.3.2] Work Leaktightness Test of Duetile Iron Pipes, fittings, accessories and their joints	
Date of issue: 17 April 2018 Page 1 of 1 page Date of issue: 17 April 2018 Page 1 of 1 page Date of issue: 17 April 2018 Page 1 of 1 page Date of issue: 17 April 2018 Page 1 of 1 page Date of issue: 18 April 2018 Page 1 of 1 page Date of issue: 18 April 2018 Page 1 of 1 page Date of issue: 18 April 2018 Page 1 of 1 page Date of issue: 18 April 2018 Page 1 of 1 page Date of issue: 19 April 2018 Page 1 of 1 page	
Customer's Ref. No. :— Address: GF., No. 120, Tung Tas Tsuen, Shap Pat Heung, Yean Long, N.T., Hong Kc Contrade no.:— Job title: - Sample description - Sample ID. :— Type: Pipe (Centrifugally Cast with Flerigible Joint) Type: Pipe (Centrifugally Cast with Flerigible Joint)	
Nominal size (DN) 100 Class: K9 Chris (DN): 100 Chr	
Cent. No. : CL0170518-12 LD. No. : NDT-HB-01 Delivery date:	
Testing temperature	
Time end 15 sec. Time interval 15 sec. Any leakage during the test No Corresponding Corresponding Complifies C	
1	
Remark: 1. Test results relates only to the sample comply with the requirement of BS IN 598: 2007 + A1; 2009 Clause 4.7. 2. Test results of the sample comply with the requirement of BS IN 598: 2007 + A1; 2009 Clause 4.7. Checked by: Checked by: Checked by: LEE WALK NOW LEE WA	
STE KWAN NING Labourus Suprimer Management Medicarded Export Labourus Suprimer Medicarded Export Labo	

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Pipe - Test Report 管證書

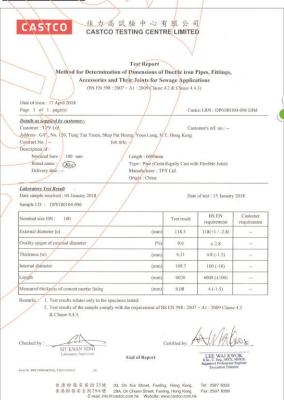
Tensile



Surface Condition

(E力 高 底 版 中 心 有 限 公司 CASTCO TESTING CENTRE LIMITED Test Report Surface Condition Test for Ductile Iron, Pipes, Fittings, Accessories and The Joints for Swerrage Application (BS EN 598: 2007+A1: 2009 clause 4, 1,2] Date of issue: 17 April 2018 Page 1 of 1 pug(s) Contouries: Try Lid. Adverse: Of 1, No. 120, Tung Tun Tween, Shap Pat Heing, Yeun Long, N.T. Hong King. Contract No.: — Sample Description: Sample Description: Sample Description: Sample 10: — Nominal lave (DN): 100 Nominal lave (DN): 100

Dimension



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