



Nutek Systems

Nutek Systems (HK) Limited, Unit B, 13/F, Block A, Universal Industrial Centre, 23-25 Shan Mei Street, FO TAN, N.T., HONG KONG
Tel: +852 2605 5736 Fax: +852 2692 0798 info@nuteksystems.com www.nuteksystems.com

Test Report

TITLE : Testing of Rubber Connector
 REPORT NO. : J 24146A
 DESCRIPTION OF SAMPLE¹ : Size 200A Rubber Connector
 SAMPLE SUBMITTED BY¹ : Tozen (H.K.) Limited
 Unit 1607, 16/F, Ho Lik Centre
 66A Sha Tsui Road, Tsuen Wan, Hong Kong
 MANUFACTURER¹ : TOZEN Corporation
 BRAND¹ : TOZEN
 COUNTRY OF ORIGIN¹ : PRC
 MODEL¹ : Twinflex
 BODY MARKINGS : TOZEN
 TWINFLEX
 200 (8)
 METHOD OF TESTS : BS EN 1092-1: 2007 + A1: 2013 & BS EN 12266- 1: 2012
 PERIOD OF TESTS : 09 Apr., 2019

¹ – Information provided by client

RESULTS: (apply only to the sample tested)

SUMMARY OF RESULTS

Test	Remark
1 Dimensions	C
2 Hydraulic pressure test	C

1. DIMENSIONS

BS EN 1092-1: 2007 + A1: 2013 Table 13

Variable	Unit	Sample	Requirement	Remark	
Nominal Size DN	/	200	200	C	
Nominal Pressure PN	/	16	16	C	
Overall length	mm	317	/	N	
Flange	Outside diameter	mm	339	340 ± 3.0	C
	Diameter of bolt circle	mm	294.1	295 ± 1.5	C
	Diameter of bolt hole	mm	22.1	22 + 1.0 - 0	C
	Number of bolt hole	/	12	12	C
Overall result				C	



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2. HYDRAULIC PRESSURE TEST BS EN 12266- 1: 2012, Annex A

Variable	Unit	Sample	Requirement	Remark
Nominal Size DN	/	200	200	C
Nominal Pressure PN	/	16	16	C
Test pressure	bar	55 ²	1.5 x PN	C
Duration	s	120	≤DN 50, 15 DN65 to DN150, 60 DN200 to DN300, 120 DN 350 and above, 300	C
Leakage	/	No	No	C
				C

² – Client's requirement

Date: 08 Jul., 2019

Authorized signature: _____

NG DICK TIK LUN
(Test Engineer)

**Nutek Systems is a testing agency,
accepted by the Water Supplies
Department, for testing water supply
fittings.**



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REPORT NO.: J 24146A

Figure 1 – Sample



Figure 2 – Body marking





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REPORT NO.: J 24146A

General Note(s)

Definitions:

C – conformance

N – none

NC – non-conformance

R – remainder

Organizations:

HKAS - Hong Kong Accreditation Service

HOKLAS - Hong Kong Laboratory Accreditation Scheme

WSD - Water Supplies Department (of Hong Kong)

WHO - World Health Organization

- End of report -



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Test Report

TITLE : Testing of Rubber Connector

REPORT NO. : J 24146B

DESCRIPTION OF SAMPLE¹ : Size 250A Rubber Connector

SAMPLE SUBMITTED BY¹ : Tozen (H.K.) Limited
Unit 1607, 16/F, Ho Lik Centre
66A Sha Tsui Road, Tsuen Wan, Hong Kong

MANUFACTURER¹ : TOZEN Corporation

BRAND¹ : TOZEN

COUNTRY OF ORIGIN¹ : PRC

MODEL¹ : Twinflex

BODY MARKINGS : TOZEN
TWINFLEX
250 (10)

METHOD OF TESTS : BS EN 1092-1: 2007 + A1: 2013 & BS EN 12266- 1: 2012

PERIOD OF TESTS : 09 Apr., 2019

¹ – Information provided by client

RESULTS: (apply only to the sample tested)

SUMMARY OF RESULTS

Test	Remark
1 Dimensions	C
2 Hydraulic pressure test	C

1. DIMENSIONS

BS EN 1092-1: 2007 + A1: 2013 Table 13

Variable	Unit	Sample	Requirement	Remark	
Nominal Size DN	/	250	250	C	
Nominal Pressure PN	/	16	16	C	
Overall length	mm	321	/	N	
Flange	Outside diameter	mm	406	405 ± 3.0	C
	Diameter of bolt circle	mm	355	355 ± 1.5	C
	Diameter of bolt hole	mm	26.0	26 + 1.0 - 0	C
	Number of bolt hole	/	12	12	C
Overall result				C	



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REPORT NO.: J 24146B

2. HYDRAULIC PRESSURE TEST BS EN 12266- 1: 2012, Annex A

Variable	Unit	Sample	Requirement	Remark
Nominal Size DN	/	250	250	C
Nominal Pressure PN	/	16	16	C
Test pressure	bar	55 ²	1.5 x PN	C
Duration	s	120	≤DN 50, 15 DN65 to DN150, 60 DN200 to DN300, 120 DN 350 and above, 300	C
Leakage	/	No	No	C
				C

² – Client's requirement

Date: 08 Jul., 2019

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REPORT NO.: J 24146B

Figure 1 – Sample



Figure 2 – Body marking





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Test Report

TITLE : Testing of Rubber Connector
 REPORT NO. : J 24146C
 DESCRIPTION OF SAMPLE¹ : Size 300A Rubber Connector
 SAMPLE SUBMITTED BY¹ : Tozen (H.K.) Limited
 Unit 1607, 16/F, Ho Lik Centre
 66A Sha Tsui Road, Tsuen Wan, Hong Kong
 MANUFACTURER¹ : TOZEN Corporation
 BRAND¹ : TOZEN
 COUNTRY OF ORIGIN¹ : PRC
 MODEL¹ : Twinflex
 BODY MARKINGS : TOZEN
 TWINFLEX
 300 (12)
 METHOD OF TESTS : BS EN 1092-1: 2007 + A1: 2013 & BS EN 12266- 1: 2012
 PERIOD OF TESTS : 09 Apr., 2019

¹ – Information provided by client

RESULTS: (apply only to the sample tested)

SUMMARY OF RESULTS

Test	Remark
1 Dimensions	C
2 Hydraulic pressure test	C

1. DIMENSIONS

BS EN 1092-1: 2007 + A1: 2013 Table 13

Variable	Unit	Sample	Requirement	Remark	
Nominal Size DN	/	300	300	C	
Nominal Pressure PN	/	16	16	C	
Overall length	mm	318	/	N	
Flange	Outside diameter	mm	459	460 ± 3.0	C
	Diameter of bolt circle	mm	411.5	410 ± 1.5	C
	Diameter of bolt hole	mm	26.5	26 + 1.0 - 0	C
	Number of bolt hole	/	12	12	C
Overall result				C	



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REPORT NO.: J 24146C

2. HYDRAULIC PRESSURE TEST

BS EN 12266- 1: 2012, Annex A

Variable	Unit	Sample	Requirement	Remark
Nominal Size DN	/	300	300	C
Nominal Pressure PN	/	16	16	C
Test pressure	bar	55 ²	1.5 x PN	C
Duration	s	120	≤DN 50, 15 DN65 to DN150, 60 DN200 to DN300, 120 DN 350 and above, 300	C
Leakage	/	No	No	C
				C

² – Client's requirement

Date: 08 Jul., 2019

Authorized signature: _____

NG DICK TIK LUN
(Test Engineer)



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REPORT NO.: J 24146C

Figure 1 – Sample



Figure 2 – Body marking





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- End of report -