

Flexible Pipe Quick Connector and Couplings Parameters



Material: PA (polyamide)

Thread type: PG/Metric

Working temperature: -20~+110°C

Flame retardant grade: UL94-V0

Protection degree: IP66, using suitable seal ring

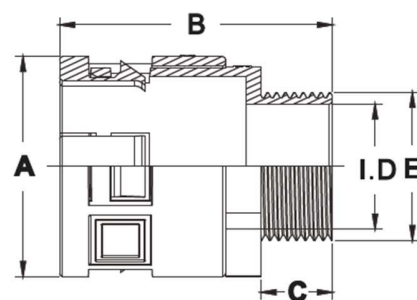
Color: Black. Other colors are customizable

Property: Special design with inner locking buckle making the mounting and dismounting done by simple plugging or pulling, without using tools.

Physical property form								
Character	Material	Working temperature	Flame retardant rating UL94			Level of protection	ROHS	Color
			HB	V-2	V-1			
074	PA	-20°C~+110°C		√		IP66		Black
076	PA	-20°C~+110°C			√	IP66	√	Black

PG Flexible pipe's quick connector from								
Model	Pipe Specification	Thread Specification	ID(mm)	A(mm)	B(mm)	C(mm)	E(mm)	Package(m/coil)
JF10W	1/4"(10mm)	PG7	7.5	17.5	30.5	10	12.5	100
JF13W	5/16"(13mm)	PG9	10.5	20.5	37	12	15.2	50
JF15W	3/8"(15.8mm)	PG11	14	23	37	12	18.6	50
JF18W	18.5mm	PG13.5	16	28	44	12	20.4	50
JF21W	1/2"(21.2mm)	PG16	17	30	44	13	22.5	50
JF25W	25mm	PG21	22.5	34	46	14	28.3	25
JF28W	3/4"(28.5mm)	PG21	22.5	37	46	14	28.3	25
JF34W	1"(34.5mm)	PG29	30	44	48	15	37	20
JF42W	1-1/4"(42.5mm)	PG36	37	53	48	15	47	20
JF54W	2"(54.5mm)	PG48	48	67	52	17	59.3	10

Metric Flexible pipe's quick connector from								
Model	Pipe Specification	Thread Specification	ID(mm)	A(mm)	B(mm)	C(mm)	E(mm)	Package(m/coil)
JF10WM	1/4"(10mm)	M10*1.5	6.5	17.5	30.5	12	10	100
JF13WM	5/16"(13mm)	M12*1.5	8.5	20.5	37	12	12	50
JF15WM	3/8"(15.8mm)	M16*1.5	12.5	23	37	12	16	50
JF18WM	18.5mm	M20*1.5	16	28	44	14	20	50
JF21WM	1/2"(21.2mm)	M20*1.5	15	30	44	14	20	50
JF25WM	25mm	M25*1.5	21	34	46	14	25	25
JF28WM	3/4"(28.5mm)	M25*1.5	21	37	46	15	32	20
JF34WM	1"(34.5mm)	M32*1.5	27.5	44	48	15	32	20
JF42WM	1-1/4"(42.5mm)	M40*1.5	35.5	53	48	16	40	20
JF54WM	2"(54.5mm)	M50*1.5	44	67	52	16	50	10



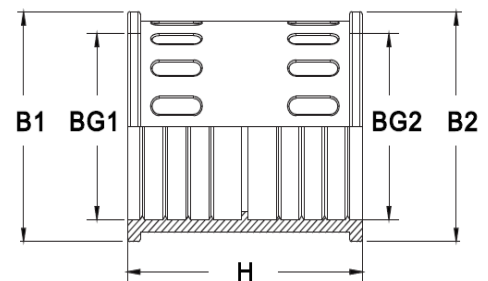
Flexible Pipe Couplings Parameters

Material: TPR Rubber
 Working temperature: -40~+110°C
 Flame retardant grade: UL94-V0
 Protection degree: IP66
 Color: Black. Other colors are customizable
 Property: flexible and environmental protection



Physical property form									
Character	Material	Working temperature	Flame retardant rating UL94				Level of protection	ROHS	Color
			HB	V-2	V-1	V-0			
069	TPR Rubber	-20°C~+110°C	V				IP66		Black

Couplings dimensions				
Model	Pipe Specification (BG1=BG2)	(B1=B2mm)	H(mm)	Package(m/coil)
JF10H	1/4"(10mm)	17	34	50
JF13H	5/16"(13mm)	20	37	50
JF15H	3/8"(15.8mm)	23	45	50
JF18H	18.5mm	26	48	50
JF21H	1/2"(21.2mm)	29	48	50
JF25H	25mm	33	48	25
JF28H	3/4"(28.5mm)	36	48	25
JF34H	1"(34.5mm)	42	48	25
JF42H	1-1/4"(42.5mm)	51	60	20
JF54H	2"(54.5mm)	63	70	10



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Test Report

No. CANML1412639301

Date: 04 Aug 2014

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NO.1, FUYONG ROAD, HUANGGE TOWN, NANSHA DISTRICT, GUANGZHOU CITY, GUANGDONG PROVINCE
CHINA

This report is to supersede test report CANML1410368901

The following sample(s) was/were submitted and identified on behalf of the clients as : Bellows holder

SGS Job No. : GZIN1406016478PC-01 - GZ
Internal Reference No. : GZIN1406016438PS-01
Tested Sample Info. : JF25
Client Ref. Info. : quick connector, quick elbow connector
JF××××-076
Date of Sample Received : 30 Jun 2014
Testing Period : 30 Jun 2014 - 03 Jul 2014
Test Requested : Selected test(s) as requested by client.
Test Method : Please refer to next page(s).
Test Results : Please refer to next page(s).
Conclusion : Based on the performed tests on submitted sample(s), the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) comply with the limits as set by RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC.

Signed for and on behalf of
SGS-CSTC Ltd.



Merry Lv
Approved Signatory



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN14-126393.001	Black plastic

Remarks :

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

RoHS Directive 2011/65/EU

- Test Method :
- (1)With reference to IEC 62321-5:2013, determination of Cadmium by ICP-OES.
 - (2)With reference to IEC 62321-5:2013, determination of Lead by ICP-OES.
 - (3)With reference to IEC 62321-4:2013, determination of Mercury by ICP-OES.
 - (4)With reference to IEC 62321:2008, determination of Hexavalent Chromium by Colorimetric Method using UV-Vis.
 - (5)With reference to IEC 62321:2008, determination of PBBs and PBDEs by GC-MS.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Cadmium (Cd)	100	mg/kg	2	ND
Lead (Pb)	1,000	mg/kg	2	ND
Mercury (Hg)	1,000	mg/kg	2	ND
Hexavalent Chromium (CrVI)	1,000	mg/kg	2	ND
Sum of PBBs	1,000	mg/kg	-	ND
Monobromobiphenyl	-	mg/kg	5	ND
Dibromobiphenyl	-	mg/kg	5	ND
Tribromobiphenyl	-	mg/kg	5	ND
Tetrabromobiphenyl	-	mg/kg	5	ND
Pentabromobiphenyl	-	mg/kg	5	ND
Hexabromobiphenyl	-	mg/kg	5	ND
Heptabromobiphenyl	-	mg/kg	5	ND
Octabromobiphenyl	-	mg/kg	5	ND
Nonabromobiphenyl	-	mg/kg	5	ND
Decabromobiphenyl	-	mg/kg	5	ND
Sum of PBDEs	1,000	mg/kg	-	ND
Monobromodiphenyl ether	-	mg/kg	5	ND



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<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Dibromodiphenyl ether	-	mg/kg	5	ND
Tribromodiphenyl ether	-	mg/kg	5	ND
Tetrabromodiphenyl ether	-	mg/kg	5	ND
Pentabromodiphenyl ether	-	mg/kg	5	ND
Hexabromodiphenyl ether	-	mg/kg	5	ND
Heptabromodiphenyl ether	-	mg/kg	5	ND
Octabromodiphenyl ether	-	mg/kg	5	ND
Nonabromodiphenyl ether	-	mg/kg	5	ND
Decabromodiphenyl ether	-	mg/kg	5	ND

Notes :

- (1) The maximum permissible limit is quoted from the directive 2011/65/EU, Annex II



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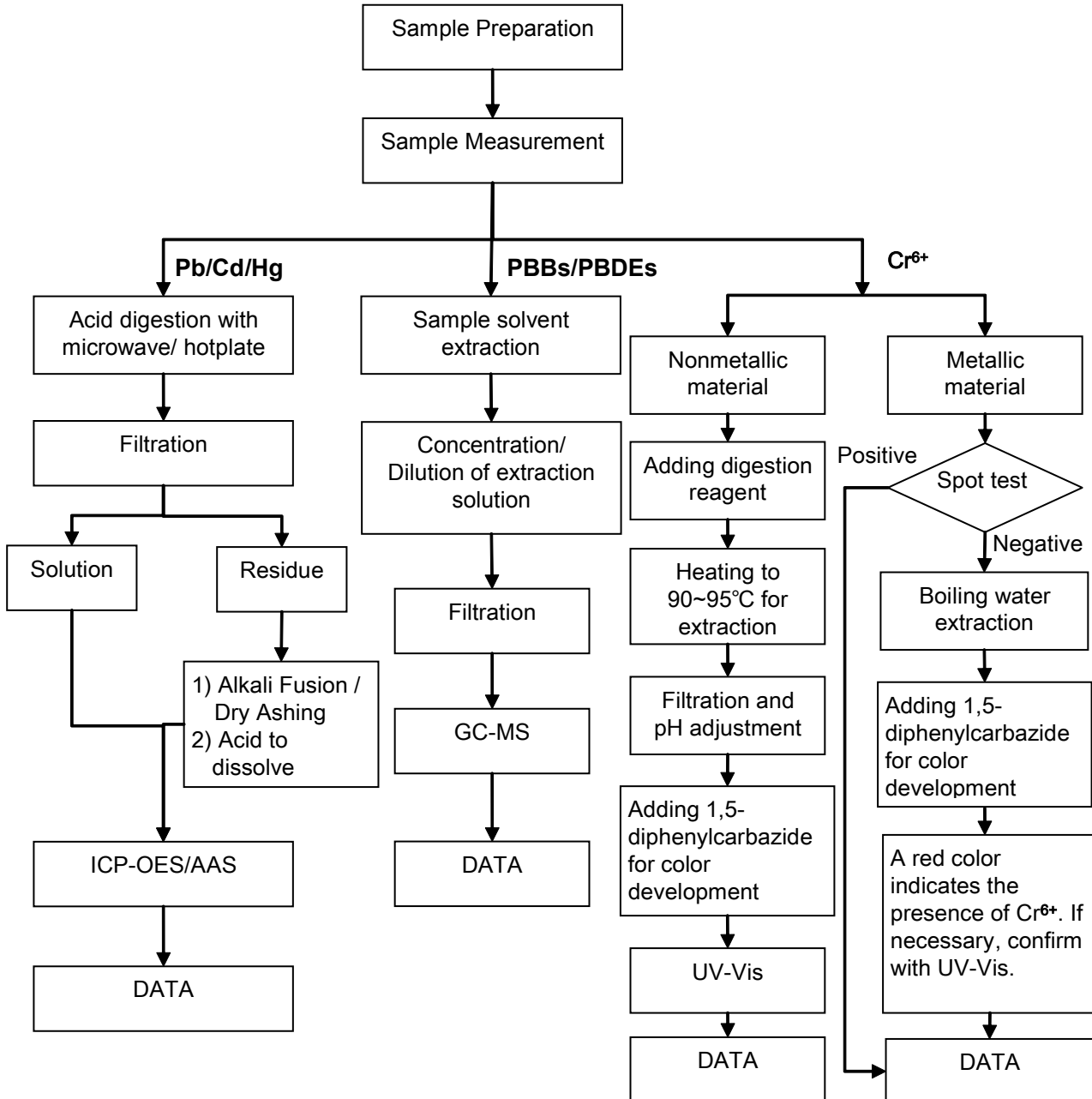
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ATTACHMENTS

RoHS Testing Flow Chart

- 1) Name of the person who made testing: Bruce Xiao / Sunny Hu
- 2) Name of the person in charge of testing: Bella Wang / Cutey Yu
- 3) These samples were dissolved totally by pre-conditioning method according to below flow chart (Cr⁶⁺ and PBBs/PBDEs test method excluded).



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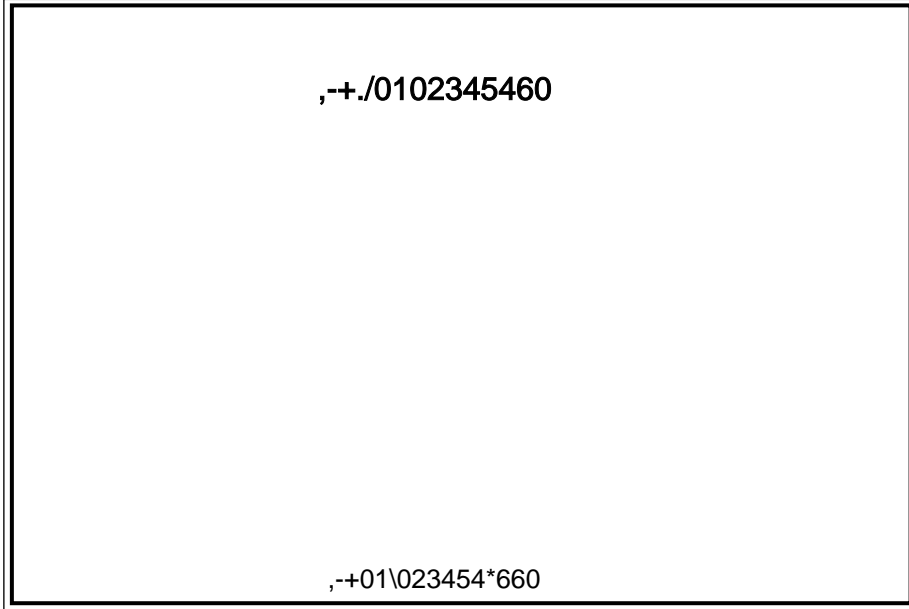
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