TL-573

Fuzhou Lexfit Plastic Co., Ltd

TEST REPORT NO.: J210104001-2

Test standard:		Issue Date:	Jun 9, 2021
AS/NZS 1260: 2017		Revised Date:	N/A
PVC-U pipes and fittings for drain, waste and vent applications		Total Pages:	19
		Document Control No.:	TRF AS/NZS 1260: 2017

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Trade Mark ..... :	LEXFIT/PLUMFIT/AQUALINE/ER PVC/
Manufacturer ..... :	Quanzhou Xingyuan New Material Technology Co., Ltd
Testing Laboratory name ..... :	Guangzhou Intelligence Quality Assurance Co., Ltd
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Test item description ..... :	PVC-U pipes and fittings
Date of receipt of test item ..... :	May 7, 2021
Date (s) of performance of tests ..... :	May 7, 2021 – May 31, 2021
Tested by (name and signature) ..... :	Harvey Lin
Approved by (name and signature) . :	Carson Qiu
Report contents ..... :	Total test report 19 pages including: Cover page: 1 page Report text: 12 pages Appendix A for tested product photos: 5 pages Appendix B for revision page: 1 page

General remarks:

The tested samples were delivered by the client and were in good condition when received.

This test report is only applicable for the tested sample.

This test report should not be reproduced except in full, without written approval of the laboratory.

Possible test case verdicts:

- test case does not apply to the test object: N/A
- test object does meet the requirement: P (Pass)
- test object does not meet the requirement: F (Fail)
- When required a statement of conformity by taking into account the measurement uncertainty, one of the following standards was used:

☐ISO/IEC Guide 98-4: 2012 ☐JCGM 106: 2012 ☐ILAC-G8-03/09: 2009/2019 ☐Procedure 1 of IEC Guide 115: 2021 ☐CNAS-GL015: 2018 ☐RB/T 197: 2015

- When required a statement of conformity but the measurement uncertainty was not required to check, the following standards was used:

■Procedure 2 of IEC Guide 115: 2021

Summary of testing:

The submitted samples were tested and found to **COMPLY WITH** applicable requirements of AS/NZS 1260: 2017 according to the test plan.

General product information:

No.	Model No.	Product Description
1	10032	PVC DWV Pipe, 36.2-36.5
2	100150	PVC DWV Pipe, 160.0--160.5
3	100475	PVC DWV Pipe, 500.0--501.0
4	10710045RH	45 Degree Side Access Plain Junction RH (Small Cap) DN100
5	129100L	Inspection Pipe M/F (Large Cap) DN100
6	128100	Pan Connector Offset M/F DN100
7	AQ-FF100	Flexi Fin Pan Connector Straight DN100
8	174805444	88 Degree Four Way Riser Junction M/F DN80*50*40*40*40
9	17110088	88 Degree Bend Fitting M/F DN100
10	11250	Female Connector DN50
11	11332	Male Connector DN32
12	179150	Screw Cap &Base Socket End Fitting DN150
13	137150	Push On Cap DN150
14	110100T	Straight Coupler (Threaded) DN100
15	12410040	Socket Reducing Bush Fitting DN100*40
16	1238065	Level Invert Taper M/F DN80*65
17	140100	Pipe Saddle Clip DN100
18	1598065	Floor Waste Gully Fitting DN80*65
19	4770459	PVC Leak Control Socket Connector 80/50mm
20	4770451	PVC Floor/Wall Flange 40mm
21	4770462	PVC Leak Control Connector in Pipe 80mm
22	4770456	PVC Leak Control Brass Waste Adaptor 50/40mm
23	4770467	PVC Leak Control Brass Waste Adaptor 100mm
24	4770461	PVC Leak Control Cap 80mm
25	4770455	PVC Leak Control Socket Connector 50/40mm
26	178100	Slab Repair Coupler DN100

Remark:

1. Only listed the tested models.
2. Model 140100 was pipe saddle clip which was not contact with DWV and only used to fixed the pipe.
3. Model 4770451 was floor/wall flange which was not contact with DWV and only used to fixed the pipe.

4. Model 4770455, 4770456 and 4770458 made up a set of Leak control, which was connect to DWV pipe though 4770455. Same as follow models:

   4770459, 4770460 and 4770461;

   4770462, 4770463 and 4770461;

   4770466, 4770467 and 4770468.

AS/NZS 1260: 2017			
Clause	Requirement - Test	Result - Remark	Verdict
2.2	Composition The material from which the pipe or fitting is produced shall consist of poly (vinyl chloride) (PVC) and suitable additives such as lubricants, pigments and stabilizers. The PVC content of the pipe or fitting shall be not less than 80% by mass. Additives shall include a minimum of 1.5 parts of rutile titanium dioxide (TiO2) pigment per 100 parts by mass of PVC content. The titanium dioxide pigment shall contain at least 90% by mass of TiO2. Establishment of the TiO2 content shall be by process control methods. This requirement does not apply to fittings with parallel sockets. Additives containing compounds based on lead (Pb), cadmium (Cd) or mercury (Hg) shall not be used except that recycled PVC-U material containing these elements may be used in the core of sandwich construction pipe. When determined in accordance with AS/NZS 1462.15, the vinyl chloride monomer level shall not exceed 1 mg/kg. If the pipe is manufactured from resin with a residual vinyl chloride monomer content of less than 1 mg/kg, this requirement shall be deemed to have been met. This requirement is not applicable to recyclate.	Manufacturer will provide the formula to certificate body. No recycled material was used.	—
2.3	COLOUR Except where otherwise specified in this Clause the colour of pipes and fittings shall be grey, no lighter than the colour pearl grey N11 and no darker than the colour cloud grey N22 of AS 2700. For sandwich construction pipes, this requirement shall only apply to the outer wall. Fittings greater than DN 150 with parallel sockets have no colour requirement. Where specified by the purchaser for particular applications, the pipe and fittings may be white. NOTE: White pipe has been and is used for internal exposed situations. For export purposes, outside of Australia and New Zealand, the colour may be specified as required. NOTE: Compliance with the colour requirements may be evaluated by visual examination against the relevant colour reference of AS 2700. In the case of a dispute, measure the colour ordinates of the pipe or fitting.	Grey N12 or white as required by purchaser	P
3.2.6	Softening temperature (Vicat test) When tested in accordance with AS/NZS 1462.5, the softening temperature of the pipes shall be not less than 76°C. This test does not apply to the intermediate layer of a sandwich wall pipe.	Model no. / Softening temperature 10032 / 79.9°C 100150 / 80.1°C 100475 / 79.9°C	P

<table>
<tr><th colspan="4">AS/NZS 1260: 2017</th></tr>
<tr><th>Clause</th><th>Requirement - Test</th><th>Result - Remark</th><th>Verdict</th></tr>
<tr><td>3.3.1</td><td>Hydrostatic pressure test (applicable only to fittings with inspection or access openings and to fabricated fittings)
When tested in accordance with the hydrostatic pressure test of AS/NZS 1462.8, at an internal pressure of 85 +5, -0 kPa for 60 +5, -0 min, the assembled fitting shall not leak.</td><td>For model 10710045RH and 129100L
After test, there were no leakage.</td><td>P</td></tr>
<tr><td>3.3.2</td><td>Hydrostatic pressure test (applicable to pan connectors)
When connected to a minimum pan spigot complying with AS 1172.1, pan connectors shall be capable of withstanding a hydrostatic pressure of 2 +0.1, −0 m head of water for 5 +1, −0 min without any leakage.</td><td>For model 128100 and AQ-FF100
After test, there were no leakage.</td><td>P</td></tr>
<tr><td>3.3.3</td><td>Liquid infiltration test (applicable only to fittings with inspection or test openings)
When an assembled fitting, tightened to a torque of 15 +1, -0 N.m, where applicable, is subjected to an internal vacuum or external hydrostatic pressure resulting in a pressure differential of 80 +5, -0 kPa for 60 +5, -0 min, in accordance with AS/NZS 1462.8, it shall not leak.</td><td>For model 10710045RH and 129100L
After test, there were no leakage.</td><td>P</td></tr>
<tr><td>3.3.5</td><td>Softening temperature (Vicat test)
When tested in accordance with AS/NZS 1462.5, the softening temperature of injection-moulded fittings shall be not less than 74°C.
This test does not apply to the intermediate layer of a sandwich wall fitting.</td><td><table><tr><th>Model no.</th><th>Nominal size</th><th>Softening temperature</th></tr><tr><td>11332</td><td>DN32</td><td>78.4°C</td></tr><tr><td>1238065</td><td>DN65</td><td>78.2°C</td></tr><tr><td>137150</td><td>DN150</td><td>78.2°C</td></tr></table></td><td>P</td></tr>
<tr><td>5.2</td><td colspan="3">DIMENSIONS OF MOULDED FITTINGS</td></tr>
<tr><td>5.2.1</td><td>General
Fitting dimensions shall be in accordance with the appropriate values set out in Tables 5.1 to 5.10.</td><td>Complied</td><td>P</td></tr>
<tr><td>5.2.2</td><td>Spigot ends
Outside diameters of spigot ends on moulded fittings shall comply with the values given for plain wall pipes in Table 4.1.
Wall thicknesses of spigot ends on moulded fittings shall be in accordance with Clause 5.3.
Radiused or bevelled spigot ends shall extend for no more than 50% of the wall thickness (see Figure 5.1).</td><td><table><tr><th>Model no.</th><th>Spigot size</th><th>Mean outside diameter of spigot end (mm)</th></tr><tr><td>174805444</td><td>DN80</td><td>82.6</td></tr><tr><td>17110088</td><td>DN100</td><td>110.3</td></tr><tr><td>1238065</td><td>DN80</td><td>82.6</td></tr><tr><td>129100L</td><td>DN100</td><td>110.2</td></tr></table>Refer to clause 5.3 for wall thickness.</td><td>P</td></tr>
</table>

AS/NZS 1260: 2017			
Clause	Requirement - Test	Result - Remark	Verdict
5.2.3	Sockets on moulded fittings Sockets formed on the ends of fittings shall be parallel within 1° with the axis of the fitting. The dimensions of sockets on moulded fittings for solvent cement jointing shall be in accordance with Table 5.1 for tapered sockets and Table 5.2 for parallel sockets. If parallel, the mean inside diameter of the socket (Dsm) shall apply over the entire length of the socket. Sockets on moulded fittings for elastomeric seal jointing shall be in accordance with the requirements of Section 7. The jointing surfaces of tapered sockets on fittings for solvent cement jointing shall taper uniformly from the mouth to the root of the socket. Note: Injection-moulded fittings of diameters greater than DN 150 with parallel solvent-welded sockets are predominantly imported fittings and have not specific requirements for colour or titanium dioxide to provide UV protection. Additional marking requirements have been specified for these fittings to highlight the parallel sockets, the need for gap –filling solvent cements and UV protection when used outdoors. Push-on caps, vent cowls, safe waste trays and weathering aprons in accordance with the appropriate performance requirements of this Standard may be manufactured with socket lengths less than those specified in Table 5.1.	Model 137150 was push-on caps. Nominal size: DN150 Socket length: 38.2mm Socket root diameter: 159.8mm Socket mouth diameter: 160.8mm Model 4770451 was flange used to fixed the pipe only. Nominal size: DN40 Socket length: 21.0mm Socket root diameter: 43.6mm Socket mouth diameter: 43.9mm For other models Refer to table below for details of socket.	P

AS/NZS 1260: 2017			
Clause	Requirement - Test	Result - Remark	Verdict

Dimension of tapered socket complied with Table 5.1 of AS/NZS 1260:

Model no.	Socket size	Socket length (mm)	Socket root diameter (mm)	Socket mouth diameter (mm)
10710045RH	DN100	50.9	110.1	110.7
174805444	DN40	27.5	42.5	43.3
	DN50	30.6	55.5	56.2
	DN80	44.5	82.2	83.2
17110088	DN100	50.8	110.1	110.7
11250	DN50	30.5	55.7	56.1
11332	DN32	24.5	36.2	36.6
12410040	DN40	28.1	42.7	43.3
1238065	DN65	38.7	68.6	69.3
1598065	DN65	38.5	68.5	69.3
	DN80	44.5	82.3	83.0
4770459	DN50	37.3	55.7	56.3
129100L	DN100	50.8	109.9	110.7
4770455	DN40	31.5	42.9	43.4
178100	DN100	50.1	109.8	110.7

Dimension of parallel socket complied with Table 5.2 of AS/NZS 1260:

Model no.	Socket size	Socket length (mm)	Mean socket inside diameter (mm)
110100T	DN100	51.3	110.5

5.2.4	Tapered spigot ends for solvent cement jointing The dimensions of tapered spigot ends for solvent cement jointing shall be in accordance with Table 5.3. Tapered spigot ends shall only be used on fittings that constitute an entry point to the DWV system (e.g., pan connectors and floor grates) or on fittings that effect a change of size such as eccentricpers.	For other models Refer to table below.	P

Model no.	Tapered spigot size	Taper Length (mm)	Mean minor diameter (mm)	Mean major diameter (mm)
12410040	DN100	50.5	102.8	104.9
128100	DN100	50.2	102.8	105.0
4770462	DN80	44.2	75.3	76.1
178100	DN100	122.5	102.8	105.0

AS/NZS 1260: 2017			
Clause	Requirement - Test	Result - Remark	Verdict
5.3	WALL THICKNESS The wall thickness of a fitting at any point, measured in accordance with AS/NZS 1462.1 shall be not less than the appropriate value specified in Table 5.1 or Table 5.4, as appropriate, except that a reduction of 5% resulting from core shifting is permitted. In such cases, the average of two opposite wall thicknesses shall be equal to or exceed the values given in Table 5.1 or Table 5.4. For fittings with unequal sized connection ends, the wall thickness at any point shall be not less than the value specified in Table 5.1 or Table 5.4 for nominal size at that point. For tapered fittings, the wall thickness of the tapered section shall be not less than the wall thickness specified in Table 5.4 for the larger diameter. NOTE: Fittings may be reinforced by external integral ribs or other suitable means.	Refer to table below.	P

Model no.	Nominal size	Wall thickness (mm)
10710045RH	DN100	3.00
174805444	DN40	2.30
	DN50	2.55
	DN80	2.95
17110088	DN100	3.00
11250	DN50	2.55
11332	DN32	2.15
137150	DN150	4.10
110100T	DN100	3.20
12410040	DN40	2.35
	DN100	3.15
1238065	DN65	2.65
	DN80	2.85
1598065	DN65	2.70
	DN80	2.95
128100	DN100	3.45
4770459	DN50	3.10
129100L	DN100	3.00
4770451	DN40	3.05
4770462	DN80	3.05
4770455	DN40	3.05
178100	DN100	2.95

5.4	GEOMETRY OF FITTINGS

<table>
<tr><td colspan="4">AS/NZS 1260: 2017</td></tr>
<tr><td>Clause</td><td>Requirement - Test</td><td>Result - Remark</td><td>Verdict</td></tr>
<tr><td>5.4.1</td><td>Clear bore
Where applicable, the clear bore of a fitting shall be determined by its ability to accept passage of a sphere of appropriate diameter as given in Table 5.5.</td><td><table>
<tr><th>Model no.</th><th>Size</th><th>Passage of a sphere (mm)</th></tr>
<tr><td>10710045RH</td><td>DN100</td><td>98</td></tr>
<tr><td>174805444</td><td>DN80</td><td>72</td></tr>
<tr><td>17110088</td><td>DN100</td><td>98</td></tr>
<tr><td>11250</td><td>DN50</td><td>48</td></tr>
<tr><td>11332</td><td>DN32</td><td>30</td></tr>
<tr><td>110100T</td><td>DN100</td><td>98</td></tr>
<tr><td>12410040</td><td>DN40</td><td>36</td></tr>
<tr><td>1238065</td><td>DN65</td><td>60</td></tr>
<tr><td>1598065</td><td>DN65</td><td>60</td></tr>
<tr><td>4770459</td><td>DN50</td><td>48</td></tr>
<tr><td>129100L</td><td>DN100</td><td>98</td></tr>
<tr><td>4770451</td><td>DN40</td><td>36</td></tr>
<tr><td>4770455</td><td>DN40</td><td>36</td></tr>
</table></td><td>P</td></tr>
<tr><td>5.4.2</td><td>Sweep junctions and bends
For sweep junctions (single or double) and bends having an angle (α) of 76° or greater, the dimensions marked ‘b’ and ‘c’ shall be in accordance with the dimensions given in Table 5.6.
NOTE: See Figures B1, B4, B6 and B7 for typical examples of sweep junctions (single or double) and bends.
The tolerance on angles shall be ±1°.</td><td><table>
<tr><th>Model no.</th><th>b (mm)</th><th>c (mm)</th></tr>
<tr><td>17110088</td><td>35.89</td><td>36.29</td></tr>
</table></td><td>P</td></tr>
<tr><td>5.4.3</td><td>Eccentric tapers
The taper angle (α) shall be not greater than 45°.
NOTE: See Figure B20 of Appendix B for an example of an eccentric taper.</td><td><table>
<tr><th>Model no.</th><th>Taper angle (α)</th></tr>
<tr><td>1238065</td><td>45°</td></tr>
</table></td><td>P</td></tr>
<tr><td>5.4.4</td><td colspan="3">Gullies</td></tr>
<tr><td>5.4.4.1</td><td>Disconnector gullies
Disconnector gullies shall be designed such that the top of the inlet is not more than 5mm below the invert of the outlet. The depth of seal shall be 50±5 or 75±10mm.
NOTE: See Figure B25 of Appendix B for an example of a disconnector gully.</td><td></td><td>N/A</td></tr>
<tr><td>5.4.4.2</td><td>Floor waste gullies
Floor waste gullies shall be designed such that the depth of seal is 75±10mm.
NOTE: See Figure B26 of Appendix B for an example of a floor waste gully.</td><td><table>
<tr><th>Model no.</th><th>Depth of seal (mm)</th></tr>
<tr><td>1598065</td><td>68</td></tr>
</table></td><td>P</td></tr>
<tr><td>5.4.6</td><td colspan="3">Pan connectors</td></tr>
</table>

AS/NZS 1260: 2017			
Clause	Requirement - Test	Result - Remark	Verdict
5.4.6.1	Outlet The outlet end of pan connectors shall be in accordance with Clause 5.2.2, Clause 5.2.3 or Table 5.3.	For model 128100 The outlet end of pan connectors was complied with Table 5.3. Refer to test result of clause 5.2.4.	P
5.4.6.2	Inlet The inlet end of pan connectors shall be designed with a flexible diaphragm for connection over the outlet spigot of a water closet pan in accordance with AS 1172.1. The material used for the flexible diaphragm shall be in accordance with the relevant material requirements of AS 1646.	For model 128100 The inlet end of pan connectors was designed with a flexible diaphragm for connection over the outlet spigot of a water closet pan in accordance with AS 1172.1. Refer to AS 1646 test report.	P
5.4.6.3	Angle For DN 100 X DN 80 reducing or DN 100 offset pan connectors, the angle (β) shall be not greater than 30°.	Model no. / Angle 128100 / 30°	P
5.5	THREADED END CONNECTIONS Threaded ends for the connection of pipes and fittings shall conform with the relevant dimensions, configurations and types of fastening pipe threads specified in AS 2887. Note: See also Figure B15 of Appendix B for schematic illustration of thread end connections. All threads shall be moulded only. The minimum thickness of the threaded end shall be not less than the appropriate values specified in Table 5.4, except in the case where the dimensions of threaded ends are as specified in AS 2887. All fittings with threaded ends shall be designed to include wrenching flats, lugs or ribs for restraining the fitting while marking a joint. All joints and connections shall be capable of being tightened without damage to the components of the fittings, or jumping or stripping of the threads, when a torque of 30±2 N.m is applied.	Refer to tables below for the detail of thread. After applied a torque of 30 Nm, the threads were not damage.	P

Internally-threaded connection end was complied with Figure 1.3 of AS 2887

Model no.	Nominal size	A (mm)	Thread size B	Thread length C (mm)
11250	DN50	55.4	G2	23.8

Externally-threaded connection end was complied with Figure 1.2 of AS 2887

Model no.	Nominal size	Inside diameter A (mm)	Thread size B	Thread length C (mm)
11332	DN32	34.0	GB1 1/4	21.1

5.6	Test openings

AS/NZS 1260: 2017			
Clause	Requirement - Test	Result - Remark	Verdict
5.6.1	General A test opening shall have a minimum clear diameter as specified in Table 5.7. For fittings that incorporate a side entry test opening, the maximum distance from the longitudinal centre-line of the fitting to the highest point of the test opening shall be 120mm for fittings of nominal size DN100, and 180mm for fittings of nominal size DN150. All test openings shall incorporate a door or insert plug (see Clause 5.6.2). NOTE: See Figure B29 of Appendix B for an example of a fitting that incorporates a side entry opening. Matching faces on openings and their seals shall be so designed and finished that when properly assembled and tightened down on the sealing face, the joint shall be in accordance with the requirements of Clauses 3.3.1 and 3.3.3.	Refer to table below	P

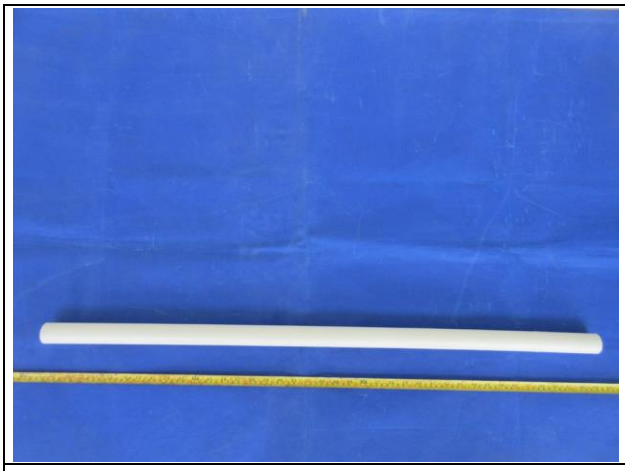
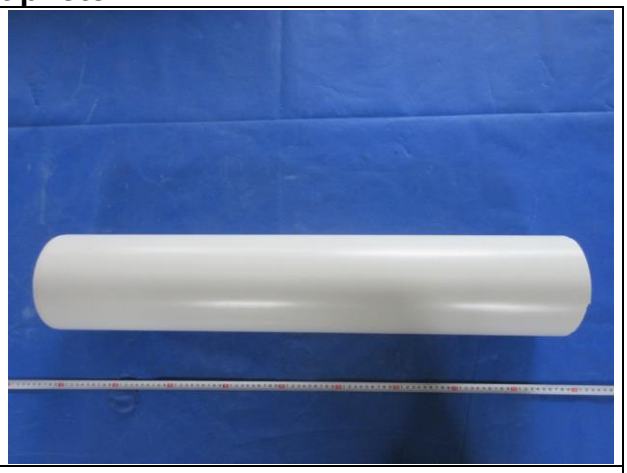
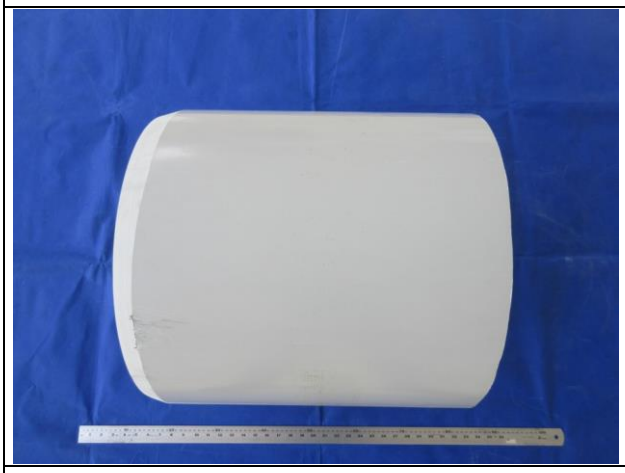
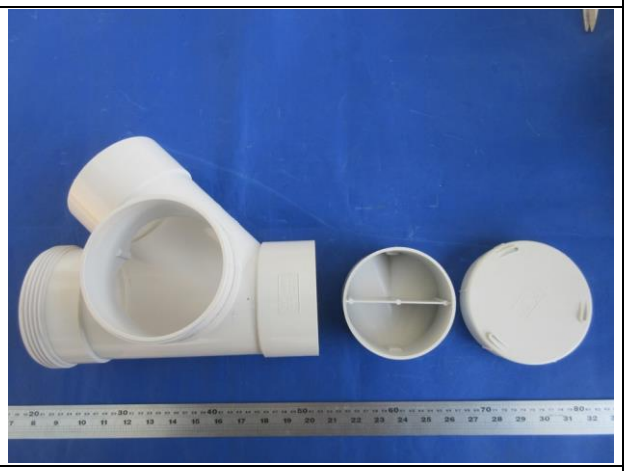
Model no.	Size of opening	Clear diameter (mm)	Distance from the longitudinal centre-line of the fitting to the highest point to the test opening (mm)
100710045RH	DN100	111.7	104.9
110100T	DN100	104.3	N/A

5.6.2	Doors or insert plugs Doors or insert plugs of test openings shall fit so that they can be positioned in only one way relative to the bore of the fitting. If held in place by set screws or similar fixings, the fixings shall be of a corrosion-resistant material and so spaced that the door can be fitted in only one position. Tapped holes for set-screws shall be made so that the screws cannot protrude into the bore of the fitting. Doors or insert plugs shall fit flush with the bore of the fitting within ±1.0mm. Insert plugs shall be manufactured from PVC-U material in accordance with Clause 2.2. or other plastics having a Vicat softening point of not less than 74°C. The minimum wall thickness of any part of a plug that forms part of a waterway shall be not less thant minimum thickness for a plain wall fitting of the same DN (See Table 5.4).	For model 10710045RH Nominal size: DN100 The insert plug was designed to could be correct positioned only and made from the same PVC-U materials. The minimum wall thickness of plug was no less than 3.0mm.	P

AS/NZS 1260: 2017			
Clause	Requirement - Test	Result - Remark	Verdict
5.6.3	Threaded caps All threads shall be moulded with the dimensions of threads on the cap and body being two-start Acme in accordance with Table 5.8. Threads shall have a minimum length of engagement of four full threads. Cap tops shall be designed such that mechanical leverage cannot be readily used to tighten the caps but can be used for loosening.	For model 100710045RH and 110100T The outside diameter of test opening body was 124.2mm and had a length of engagement of four full threads. For model 100710045RH The inside diameter of test opening cap was 120.6mm and had a length of engagement of four full threads. For model 179150 The inside diameter of test opening cap was 170.8mm and had a length of engagement of four full threads.	P
5.7	Access Openings Where fittings incorporate an access opening, the opening shall be fitted with a plug or insert plug and cap. Plugs with a flat internal face shall finish flush with the bore of the fitting to within ±1mm, measured at a point where the fitting inside diameter is nearest to the surface of the plug, when assembled into the fittings. Loose insert plugs that are contoured to suit the bore of the fitting shall fit flush with the bore to within ±1.0mm and shall fit so that they orientate one way only, relative to the bore of the fittings. The plug shall make the opening watertight by means of a durable, compressible sealing ring or washer fittings incorporating access openings that shall be in accordance with the appropriate hydrostatic pressure test and liquid infiltration test requirements of Clause 3.3. Insert plugs shall be manufactured from PVC-U material in accordance with Clause 2.2 or from other plastics having a Vicat softening temperature not less than 74°C. The minimum wall thickness of any part of a plug that forms part of a waterway shall be not less than the minimum thickness for a plain wall fitting of the same DN (see Table 5.4). The minimum clear diameter of access openings shall be not less than that specified in Table 5.9. The plug or cap shall be secured to the boss on the fitting with either a moulded thread or equally suitable means. Threads shall have a minimum number of full threads engaged as specified in Table 5.10.	For model 129100L The fittings incorporate an access opening fitted with an insert plug and cap. The plug was made from the same material of fitting and made the opening watertight by a compressible sealing ring through a lockable cap. Minimum wall thickness of plug: 4.1mm Clear diameter of access opening: 156.2mm	P

**********End of this page**********

Appendix A
Product photo

	
10032	100150
	
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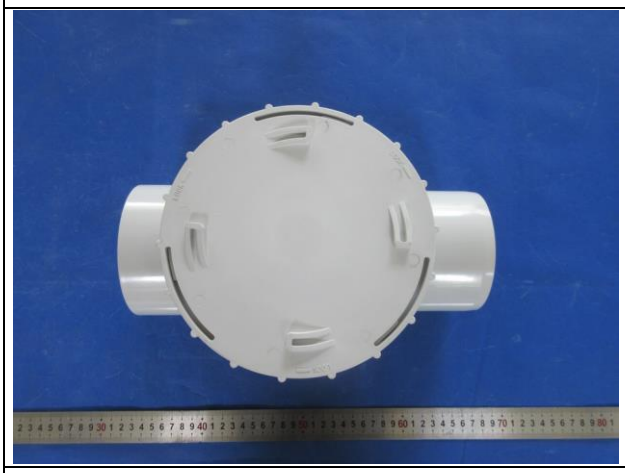	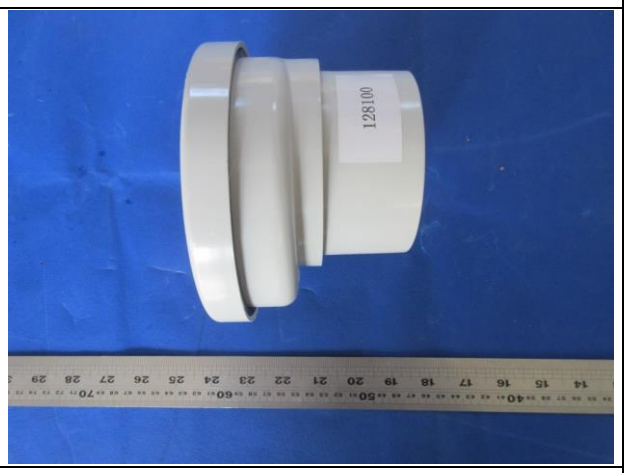
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	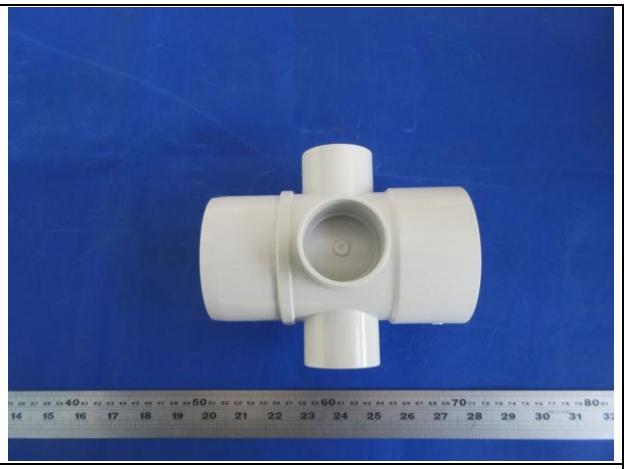
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	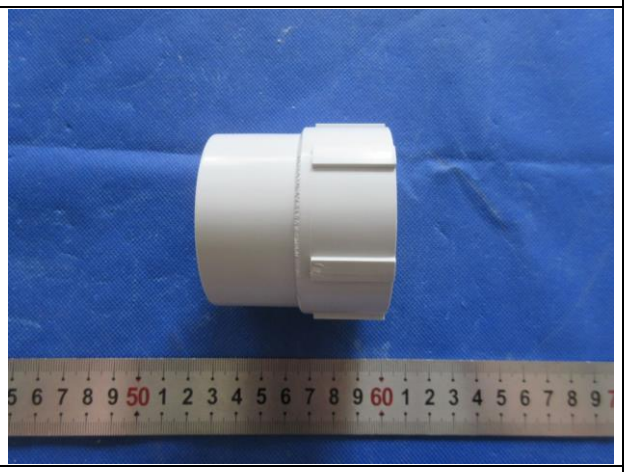
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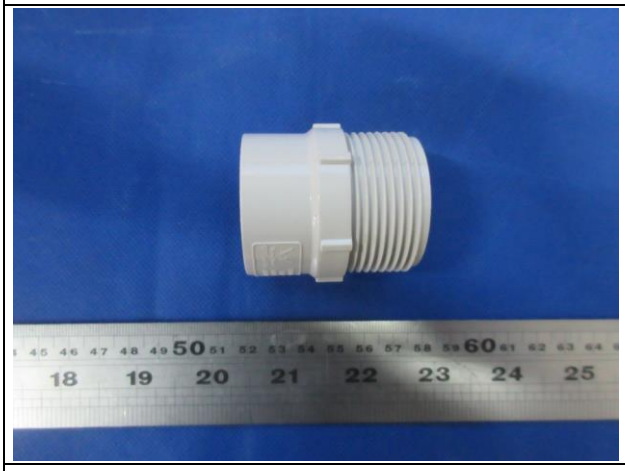	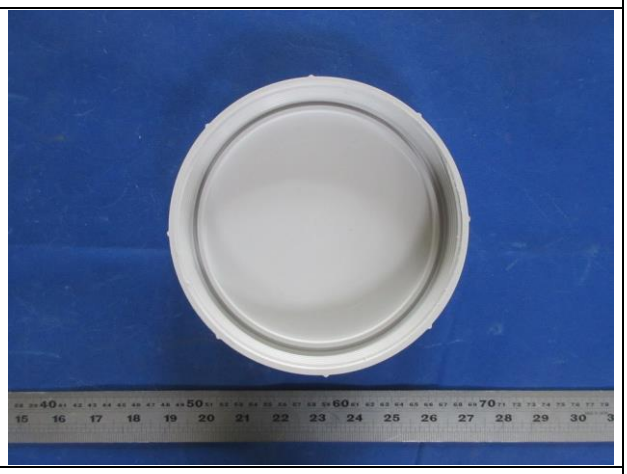
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	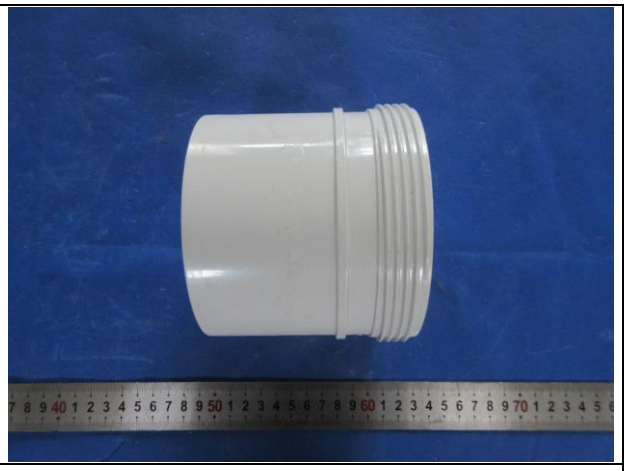
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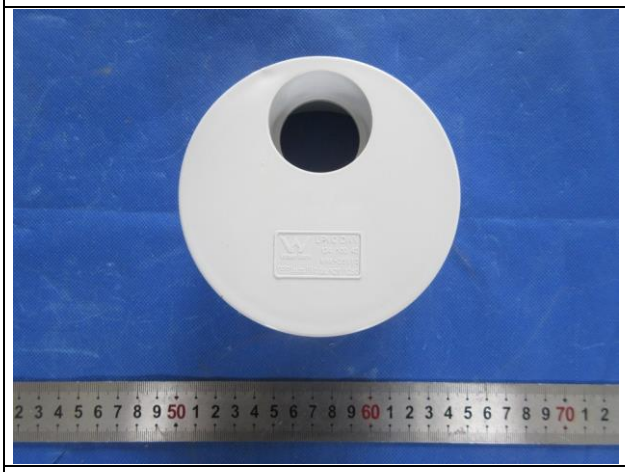	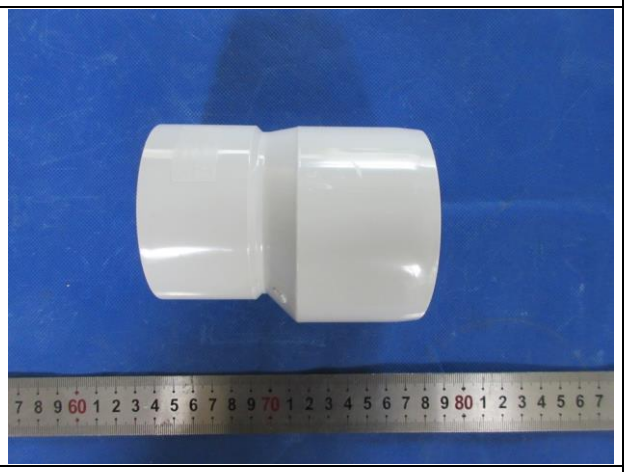
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	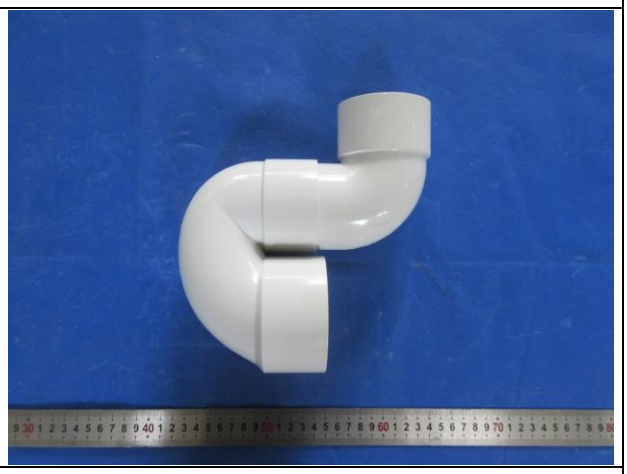
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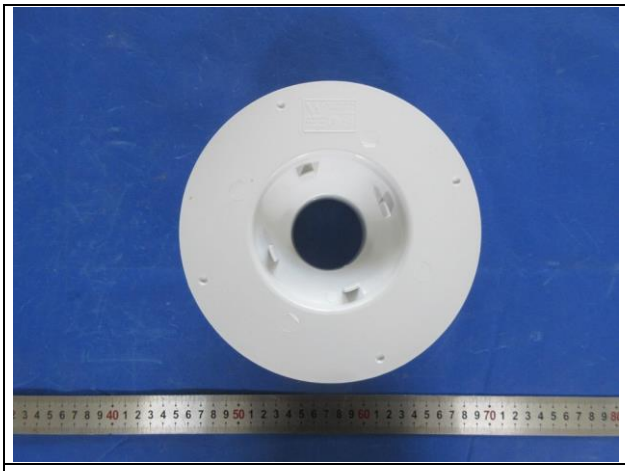	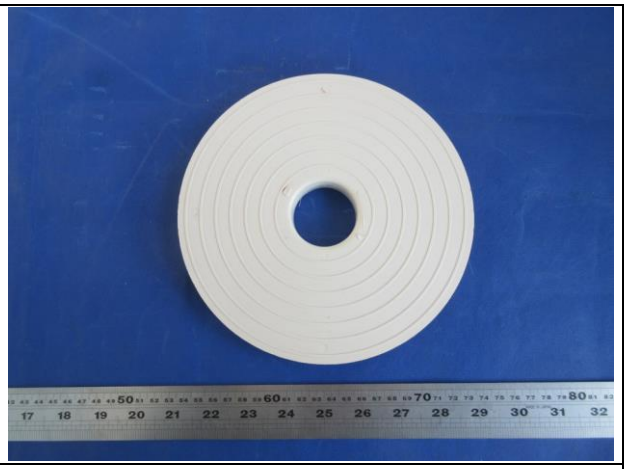
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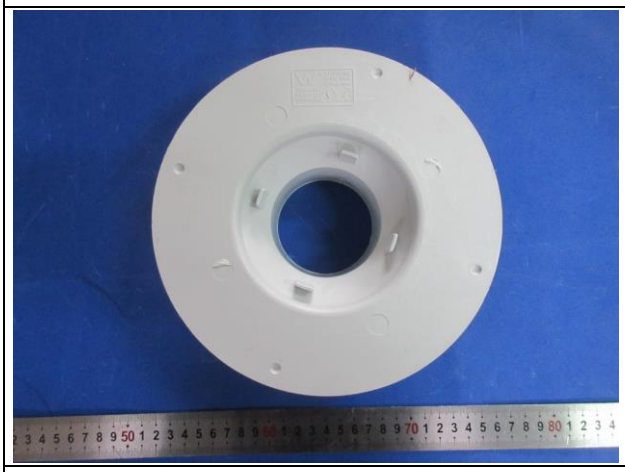	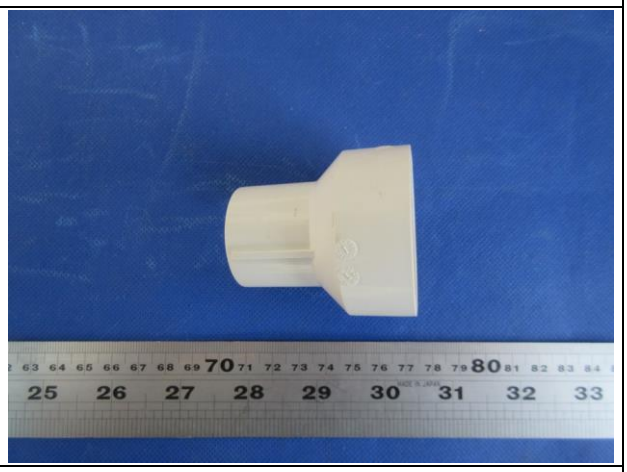
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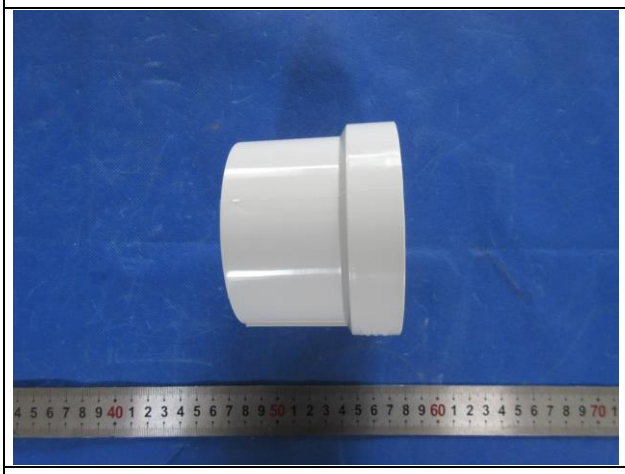	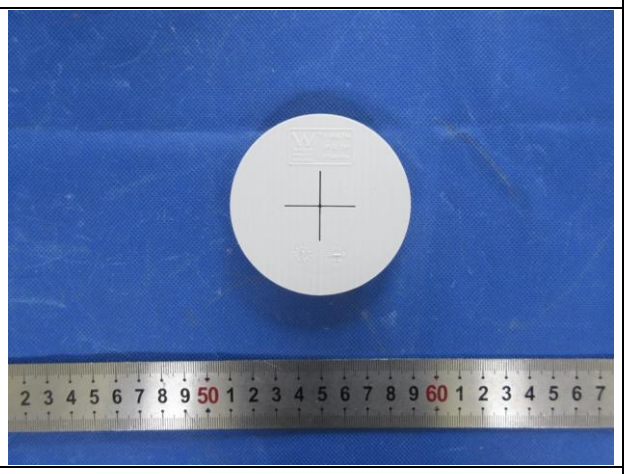
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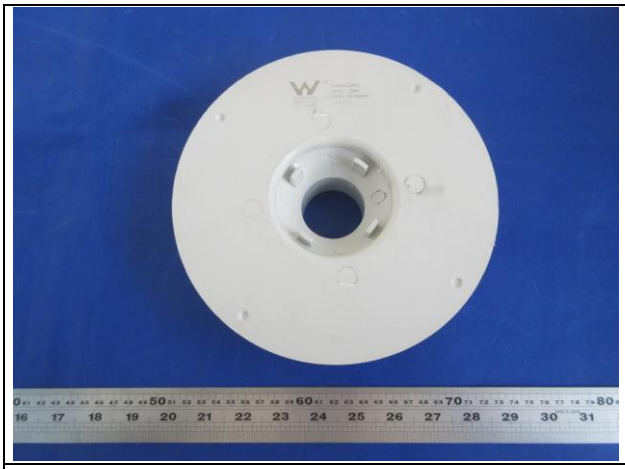	
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Appendix B
Revision Page

Revision No.	Date	Changes	Author	Reviewer
0	Jun 9, 2021	First issue	Harvey Lin	Carson Qiu

**********End of this report**********