



Issue date: 07-Jun-17

Cathy

Shaoxing Jianye Outdoor Products Co,Ltd

Yonghe Industrial Zone, Shangyu City Zhejiang Province, China

CHINA

Buyer:

Description Table

Dimensions: D x W x H = $179.5 \times 74.5 \times 74 \text{ cm}$

Tube: Diam 24.7 mm Thickness: 0.8 mm Weight: 10.8 kg

Reference HY-Z180A

Supplier:

Supplier reference:

PO:

Inspection:

Labelled age grade : Tested age grade :

Reception Date 01-Jun-17

Test started on: 02-Jun-17 Test ended on: 07-Jun-17

Compliance

Requested tests:

- EN 581 - 1 : 2017 : Outdoor Furniture : General safety - EN 581 - 3 : 2017 : Outdoor Furniture : Tables

Conclusion

This product complies with the requirements of the EN 581-1:2017. This product complies with the requirements of the EN 581-3:2017.

REMARK: The instructions for use are not evaluated as customer request.

Pierre Flament Lab Operations Manager





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EN 581-1:2017

Outdoor furniture - Seating and tables for camping, domestic and contract use

Part 1: General safety requirements

5 Safety requirements

5.1 General PASS

In order to avoid physical injury when the product is in its intended position of use, all edges and corners shall be rounded, chamfered or otherwise protected. This applies to:

— Seating: Edges of the seat, back rest and arm rests and any part of the bottom

surface of the seat at a distance less than 120 mm from any edge, where a finger can commonly access

— Tables: Table tops, any part of the underside of the top surface at a distance less than 500 mm from any edge below the table, where a knee and/or an arm can commonly access.

All other parts shall be free from burrs, sharp edges and sharp points. Movable and adjustable parts shall be designed so that injuries and inadvertent operation are avoided.

It shall not be possible for any load bearing part of the furniture to come loose unintentionally.

All parts which are lubricated to assist sliding shall be designed to protect users from lubricant stains when in normal use.

5.2 **Tubular components**

PASS

There shall be no accessible holes in the ends of tubular components with a diameter between 7 mm to 12 mm and with a depth more or equal to 10 mm. The bottom of tubular legs in contact with the floor shall be closed or capped, however, holes in them are allowed as long as they are not between 7 and 12 mm. These requirements shall be assessed using the test probes.

5.3 **Shear and squeeze points**

PASS

- 5.3.1 Shear and squeeze points when erecting, adjusting and folding away Unless 5.3.2 or 5.3.3 are applicable, shear and squeeze points that are created only during erecting, adjusting or folding away are acceptable providing the user can be assumed to be in control of his/her movements and to be able to cease applying the force immediately on experiencing pain.
- 5.3.2 Shear and squeeze points under the influence of powered mechanisms There shall be no accessible shear and squeeze points created by parts of the furniture operated by powered mechanisms, e.g. mechanical springs and gas lifts. This requirement shall be assessed using the test probes.
- 5.3.3 Shear and squeeze points during use

There shall be no accessible shear and squeeze points created by loads applied during normal use.

Shear and squeeze points are not acceptable if there is a risk of injury created by the weight of the user during normal movements and actions, e.g. attempting to move the seating by lifting the seat or by adjusting the backrest.

This requirement shall be assessed using the test probes.

For loungers, the loads applied during normal use are the loads used for the following mechanical tests in Table 1 of EN 581-2:2015

For other seating, the loads applied during normal use are the loads used for the following mechanical tests in Table 2 of EN 581-2:2015:

For tables, the loads applied during normal use are the loads used for the following mechanical tests in Table 1 of EN 581-3:2007



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EN 581-3: 2017 Outdoor furniture Seating and tables for camping, domestic and contract use Part 3: Mechanical safety requirements for tables

Safety, strength and durability requirements

5.1	General Before and after the strength, durability and stability tests are carried out, the requirements of EN 581-1:2017 shall be fulfilled.	PASS
	Glass table tops shall fulfil the requirements in EN 12150-1:2015, Clause 8, fragmentation test, or the mode of breakage (ß) according to EN 12600:2002 shall be Type B or Type C.	
	Holes for parasol in glass table top shall be protected to prevent metal to glass contact.	
5.2	Stability, strength and durability	PASS
	5.2.1 Test sequences and parameters	
5.2.1a	Vertical static load on main surface	PASS
	For tables with a table top surface more than 0,25 m2 - PASS Forces:	
	Height less than or equal to 950 mm : Camping Domestic 750N, Contract 1000N Height greater than 950 mm : Camping Domestic 500N, Contract 500N Cycles : Camping 10, Domestic 10, Contract 10	
	For tables with a table top surface less than or equal to 0,25 m2 - N/A Forces: Camping 150N, Domestic 300N, Contract 500N Cycles: Camping 10, Domestic 10, Contract 10	
5.2.1b	Additional vertical static load test where the main surface has a length > 1600mm	PASS
	Forces: Camping 500N, Domestic 750N, Contract 1000N Cycles: Camping 10, Domestic 10, Contract 10	
5.2.1c	Vertical static load on ancillary surface	N.A
5.2.1d	Horizontal durability test	PASS
	Forces: Camping 100N, Domestic 150N, Contract 300N Cycles: Camping 5000, Domestic 10000, Contract 20000	
5.2.1e	Stability under vertical load	PASS
	V1 Forces : Camping 200N, Domestic 200N, Contract 200N V2 Forces : Camping 200N, Domestic 400N, Contract 400N	
5.2.1f	Stability for tables with extension elements	N.A
5.2.1g	Stability of tables designed to support a parasol	N.A
5.2.2	Requirements	PASS
	The safety, strength and durability requirements are fulfilled after testing when: a) there are no fractures of any member, joint or component, b) there are no loosening of joints intended to be rigid, c) the table fulfils its functions after removal of the test loads.	

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Phone: +852 3719 8624 email: apilabtesting@api-hk.com

The product shall not overturn when subjected to the stability tests.

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6 Information for use NOT REQUESTED

Instruction for use shall be provided in the language(s) of the country where the tables are sold.

These instructions shall be headed "IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY" in letters no less than 5 mm high, unless if the following information is permanently marked on the product.

It shall contain at least the following details:

- a) name and address of the manufacturer/supplier/retailer;
- b) conditions for use of the product (domestic, camping or contract).
- If applicable:
- c) assembly instructions;
- d) instructions for the care and maintenance of the table;
- e) tables which have a hole for a parasol, but which are not intended to support a parasol alone, a warning indicating that a parasol shall always be used with a suitable base.





Side view

Front view

Revision: 1 12-Jun-17 Revision: 0 07-Jun-17

END OF REPORT

API LAB TESTING LTD Unit F and G, 22/F, Golden Bear Industrial Centre, 66-82 Chai Wan Kok Street, Tsuen Wan, New Territories, Hong Kong Phone: +852 3719 8624 email: apilabtesting@api-hk.com

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