

JIS

JAPANESE INDUSTRIAL STANDARD

Glossary of Terms Used in Corrugated Fibreboard Industry

JIS Z 0104—1990

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In the event of any doubt arising,
the original Standard in Japanese is to be final authority.

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Glossary of Terms Used in Corrugated
Fibreboard Industry

Z 0104-1990

1. Scope

This Japanese Industrial Standard specifies the main terms and their definitions used in the corrugated fiberboard industry.

2. Classification

The classification of the terms shall be as follows.

- (1) Classification of corrugated fibreboard and corrugated fibreboard container.
- (2) Materials and auxiliary materials
- (3) Structure, form and dimensions
- (4) Machines and apparatus
- (5) Test methods
- (6) Manufacturing process and its management

3. Terms and Definitions

The terms and definitions shall be as follows.

Further, English equivalents are given for informative reference.

(1) Classification of Corrugated Fiberboard and Corrugated Fiberboard Container

No.	Term (Japanese character)	Reading	Definition	Informative reference	
				English equivalent	
1001	段ボール	DANBŌRU	Fiberboard made by gluing liner(s) to one or both sides of a corrugated medium. It is classified as follows. Single-faced corrugated fibreboard Double-faced corrugated fibreboard Double-wall corrugated fibreboard Triple-wall corrugated fibreboard It is further classified into interior corrugated fibreboard, exterior corrugated fibreboard and unitary corrugated fibreboard according to its use. (See JIS Z 1516)	corrugated fibreboard	
1002	片面段ボール	KATAMEN DANBŌRU	A kind of corrugated fibreboard made by gluing a corrugation medium to a linerboard.	single-faced corrugated fibreboard	
1003	両面段ボール	RYŌMEN DANBŌRU	A kind of corrugated fibreboard made by gluing a linerboard to the flute tip of a single-faced corrugated fibreboard.	double-faced corrugated fibreboard, single-wall corrugated fibreboard	
1004	複両面段ボール	HUKURYŌMEN DANBŌRU	A kind of corrugated fibreboard made by gluing the flute tip of a single-faced corrugated fibreboard to one side of a single-wall corrugated fibreboard.	double-wall corrugated fibreboard	

No.	Term (Japanese character)	Reading	Definition	Informative reference	
				English equivalent	
1005	複々両面段ボール	HUKUHUKU RYŌMEN DANBŌRU	A kind of corrugated fibreboard made by gluing the flute tip of a single-faced corrugated fibreboard to one side of a double-wall corrugated fibreboard.	triple-wall corrugated fibreboard	
1006	防水段ボール	BŌSUI DANBŌRU	A generic name for a corrugated fibreboard having resistance to the deterioration in strength due to water. It is classified as follows. Water-repellent corrugated fibreboard Water-resistant corrugated fibreboard Water-barrier corrugated fibreboard (See JIS Z 1537)	waterproof corrugated fibreboard	
1007	はっ水段ボール	HASSUI DANBŌRU	Corrugated fibreboard the surface of which is so processed that it will prevent water infiltration by forming waterdrops in a short exposure to water.	water-repellent corrugated fibreboard	
1008	耐水段ボール	TAISUI DANBŌRU	Corrugated fibreboard which is so processed that its strength may not be deteriorated greatly when dipped in water for a long time.	water-resistant corrugated fibreboard	
1009	遮水段ボール	SYASUI DANBŌRU	Corrugated fibreboard which is so processed as to be impervious to water when long placed in contact with water.	water-barrier corrugated fibreboard	
1010	強化段ボール	KYŌKA DANBŌRU	Corrugated fibreboard subjected to various workings to enhance its strength.	reinforced corrugated fibreboard	

No.	Term (Japanese character)	Reading	Definition	Informative reference	
				English equivalent	
1011	段ボール箱	DANBŌRUBAKO	A box made of a corrugated fibreboard. It is classified as follows according to its use. Corrugated fibreboard shipping container Interior corrugated fibreboard box Unitary corrugated fibreboard box	corrugated fibre-board container (box)	
1012	外装用段ボール箱	GAISŌYŌ DANBŌRUBAKO	A corrugated fibreboard container which is mainly used for transportation as classified by use purpose. (See JIS Z 1506)	corrugated fibre-board shipping container (box)	
1013	内装用段ボール箱	NAISŌYŌ DANBŌRUBAKO	A corrugated fibreboard container used for accommodating and protecting unitary packages.	interior corrugated fibreboard box	
1014	個装用段ボール箱	KOSŌYŌ DANBŌRUBAKO	A corrugated fibreboard container used for packaging a minimum unit of article which is delivered to the direct care of the user.	unitary corrugated fibreboard box	
1015	防水段ボール箱	BŌSUI DANBŌRUBAKO	The generic name for a corrugated fibreboard container having resistance to deterioration in strength due to water. It is classified as follows. Water-repellent corrugated fibreboard container (box) Water-resistant corrugated fibreboard container (box) Water-barrier corrugated fibreboard container (box)	waterproof corrugated fibre-board container (box)	

No.	Term (Japanese character)	Reading	Definition	Informative reference English equivalent
1016	はっ水段ボール箱	HASSUI DANBÖRUBAKO	A box made of a water-repellent corrugated fibreboard or a corrugated fibreboard container subjected to water-repellent working.	water-repellent corrugated fibre- board container (box)
1017	耐水段ボール箱	TAISUI DANBÖRUBAKO	A box made of a water-resistant corrugated fibreboard or a corrugated fibreboard container subjected to water-resistant working.	water-resistant corrugated fibre- board container (box)
1018	遮水段ボール箱	SYASUI DANBÖRUBAKO	A box made of a water-barrier corrugated fibreboard or a corrugated fibreboard container subjected to reinforcing working.	water-barrier corrugated fibre- board container (box)
1019	強化段ボール箱	KYŌKA DANBÖRUBAKO	A box made of a reinforced corrugated fibreboard or a corrugated fibreboard container subjected to reinforcing working.	reinforced corrugated fibre- board container (box)

(2) Materials and Auxiliary Materials

No.	Term (Japanese character)	Reading	Definition	Informative reference English equivalent
2001	段ボール原紙	DANBŌRU GENSI	A paperboard used for the manufacture of a corrugated fibreboard. It is classified as follows. Linerboard Corrugation medium	fibreboard



No.	Term (Japanese character)	Reading	Definition	Informative reference	
				English equivalent	
2002	ライナ	RAINA	A paperboard used as a face and a reverse side of corrugated fibreboard and an inner paperboard of a double-wall or triple-wall corrugated fibreboard. It is classified as follows. Classified by use - Exterior linerboard - Interior linerboard - Other linerboards Classified by principal raw material - Kraft linerboard - Jute linerboard (See JIS P 3902)	linerboard	
2003	中シム	NAKASIN	A paperboard that serves the purpose of forming a wavy pattern in corrugated fibreboard. (See JIS P 3904).	corrugated medium	
2004	クラフトライナ	KURAHUTO RAINA	Linerboard made from kraft pulp as the main material.	kraft linerboard	
2005	ジュートライナ	ZYŪTO RAINA	Linerboard made from waste paper and kraft pulp as the main materials.	jute linerboard	
2006	はり合せ用接着剤	HARIAWASEYŌ SETTYAKUZAI	Adhesives used for the manufacture of corrugated fibreboard. Starch is principally used.	adhesive for corrugated fibre-board	

No.	Term (Japanese character)	Reading	Definition	Informative reference	
				English equivalent	
2007	段ボール用インキ	DANBŌRUYŌ INKI	An ink used for printing on corrugated fibreboard. It is classified as follows. Oil-based ink Quick drying ink Flexographic ink	printing ink for corrugated fibreboard	
2008	油性インキ	YUSEIINKI	Ink manufactured by kneading pigments, additives and the likes together with synthetic resin dissolved in linseed oil.	oil-based ink	
2009	速乾性インキ	SOKKANSEI INKI	Ink manufactured by kneading pigments, and the likes together with synthetic resin dissolved in ethylene glycol.	quick drying ink	
2010	フレキシインキ	HUREKISOINKI	Ink manufactured by mixing pigments, additives and the likes together with alkali-dissolvable resin dissolved in water or alcohol.	flexographic ink	
2011	印版	INBAN	A plate used for printing. It is classified as follows. Hand-carved plate Molded-plate Photosensitive resin plate	printing die for corrugated fibreboard	
2012	抜き型	NUKIGATA	A die used for cutting corrugated fibreboard. It is a planar or curved plywood plate or steel plate incorporating a cut edge and a ruler.	cutting die for corrugated fibreboard	