

TECHNICAL DATA SHEET

Sugarcane Bagasse Tableware Series

Company Name: Xiamen Bioleader Environmental Protection Technology Co., Ltd.	Document No.: TDS-Bioleader-2026.1	Version: 2026.1
Product Category: Sugarcane Bagasse Tableware	Country of Origin: China	Website: www.bioleaderpack.com

1. MATERIAL DATA

Property	Specification
Material	100% natural sugarcane bagasse fiber
Manufacturing Process	Pulp Molding (Thermoformed Fiber Technology)
Color	Natural / White
Plastic Content	None
PFAS Status	Conventional (Standard Oil-Resistance) PFAS-FREE (No added Fluorine)
Oil & Water Resistance	Suitable for hot and oily food applications up to 100°C–120°C
Temperature Range	Freezer safe to -20°C; microwave safe up to 3 minutes
Compostability	Industrially & Home compostable
Biodegradability	Biodegradable under industrial composting conditions
Food Contact Compliance	In accordance with applicable food contact standards
Application	Universal Food Packaging: Ideal for Hot/Cold Food, Takeaway & Catering; Suitable for Soups, Stews, Salads, Fresh Fruits, Vegetables, Proteins (Meats), and Assorted Takeout Meals.

2. PRODUCT DATA

Item Code	Name	Weight (g)	Product Size (mm)	PCS/PACK	PCS /CTNS	Carton Size (cm)			Cube/CTN
XH-500L	Lid For Item (XH-500B)	13	186x104x10	50	500	54	44	21	0.0487
XH-500B	7" x 4" Box	15	181x99x42	50	500	52	49	20	0.0497

Product Page:

<https://www.bioleaderpack.com/product/pfas-free-casserole-meal-box-7-x-4-biodegradable-sugarcane-airline-tray/>

Product Images



3. COMPLIANCE & CERTIFICATES

Category	Details
Compostability	BPI, OK Compost, EN 13432, ASTM D6400, AS 5810
Food Contact	FDA 21 CFR, EC No. 1935/2004, LFGB
Chemical Safety	PFAS-Free, PFOA-Free, PFOS-Free
Quality System	ISO 9001:2015, BRC, BSCI
Sustainability	Greenhouse Gases Verification Statement / ISO 14067:2018

Certificates and Test Reports Download: <https://www.bioleaderpack.com/certificate/>

4. STORAGE

Item	Details
Storage	Store in a cool, dry, standard warehouse
Shelf Life	36 months under proper storage conditions
Limitation	Oven use only if specifically tested

Note

Product performance may vary depending on actual application conditions

5. MANUFACTURER

Manufacturer: Xiamen Bioleader Environmental Protection Technology Co., Ltd.

Country of Origin: China

Brand: Bioleader (OEM Customized Acceptable)

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