FREE BIRD 盛旺®

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TIANJIN SHENG-WANG
ELECTRONIC CHEMICAL PLANT

30 YEARS of Excellence

Est. 1993, we were among the early pioneers integrating the production, R&D, and marketing of hot melt adhesives for furniture, bookbinding, packaging, and various industrial applications.

Over the past 30+ years, we have built an extensive distribution network and grown into a trusted adhesive supplier worldwide.

Our Early Years

Led by chief engineer, Dr. Wang — a pioneer in the adhesive industry, former chairman of the National Hot Melt Adhesive Association — FREE BIRD has built strong technical expertise since its early years.

EDGE BANDING

As furniture processing advances and demand for superior edge banding and aesthetics increases, FREE BIRD provides a complete adhesive solution featuring EVA PUR hot melt adhesives.

CODE	USE	PROCESS TEMP.	APPLICATION & FEATURES
826L/ 812S	Automatic machine	180-210°C	For stable, continuous edge banding production.
858L/ 858S	Slow automatic machine	150-180°C	Engineered for medium-to-slow edge banding production.
828J/ 8062A	Manual machine	130-150°C	For manual edge banding machines with a low process temperature.
PUR 6818	Automatic machine	130-150°C	Ultra-thin glue line, strong bonding, and excellent resistance under demanding conditions.

FURNITURE

For applications such as frame and profile wrapping for windows and doors, membrane pressing for interior and cabinet doors, veneer jointing in plywood production, as well as mattress pocket spring assembly and lamination.

CODE	USE	APPLICATION & FEATURES
8630A/ PUR6632	Profile wrapping	For wrapping wood, metal and plastic profiles with PVC, CPL, veneer and decorative paper.
1085/ 1086	Mattress	For pocket spring assembly and lamination in mattress production.
8083	Veneer jointing	Strong veneer jointing with polyester yarn, compatible with various plywood composing machines.
3191	Membrane pressing	For membrane pressing of PVC film onto MDF and wood-based panels for interior and cabinet doors.

BOOKBINDING

Perfect for bookbinding professionals, suitable for textbooks, magazines, albums, and commercial printing. With strong bonding and good machinability, it ensures a secure and efficient binding process.

CODE	USE	APPLICATION & FEATURES
6030/ 6020AS	Large-scale production	For perfect spine bonding of softcover books and textbooks. Ideal for large-scale binding processes.
6092	Print shop applications	Ideal for magazines, commercial printing, and print shop applications, with strong adhesion, clean melting, and an odor-free formula.

PACKAGING

Ideal solution for bonding purposes in packaging processes, i.e. corrugated box, paper packaging and more. Its quick setting time and strong bonding, making it ideal for automated packaging lines.

CODE	USE	APPLICATION & FEATURES
5020	General purpose	Ideal for corrugated boxes, cartons, trays, folding boxes, and paper bag handles.
5060	Premium (Polyolefin)	For cartons, trays, and folding boxes with printed and lacquered surfaces.
5070	Deep-freeze	For frozen and cold-storage packaging with enhanced cold flexibility.

Trusted in 50+ countries

From South Asia to the Middle East and across the Pacific to the Americas, Free Bird Adhesives has established a strong presence across the Americas, Europe, the Middle East, Asia, and Africa, with partners in more than 50 countries.

Our credentials

- **30+ Years of Industry Experience**
- **20,000 MT Annual Capacity**
- **Distribution Network in 50+ Countries**
- **Testing & Compliance for Global Markets**