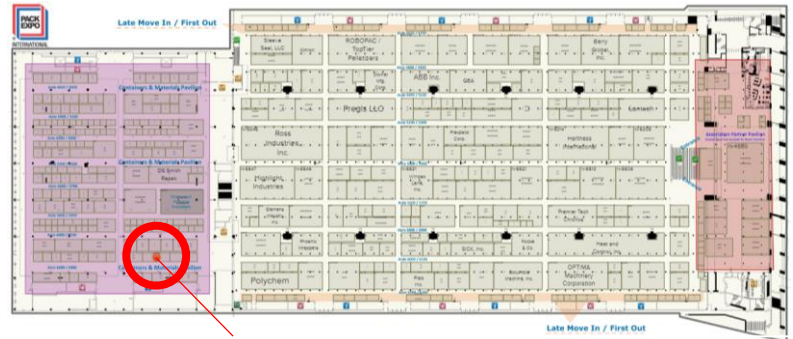




October 14–17, 2018  
McCormick Place  
Chicago, Illinois USA

## Invitation to New Product Presentation and Meeting



**North Hall: Booth 6263** (Containers and Material Pavilion)

Stop by at TOPPAN USA booth to explore:

### 1) GL FILM and Applications

The production of GL FILM in Griffin, Georgia started in 2016, and the GL FILM business is expanding. GL FILM has various grades for wide range of applications such as standard, retort, super high barrier grades. Applications for food, medical industrial and many other fields.



### 2) NEW GRADES!!!

#### 1) BOPP based GL FILM

BOPP based barrier material corresponding to the strong market needs of recyclable/mono-material barrier film. Toppan developed both standard and high barrier grades. Compared to traditional PVDC coating, they achieved high barrier and eco-friendly characteristics.

#### 2) Nylon based GL FILM

Toppan releases GL FILM that uses Nylon as a base material. Utilizing nylon's strength, it achieves the packaging structure of 2 layers (traditionally 3), then reduces the thickness and cost.

#### 3) High Barrier Met-PET

Utilizing Toppan's special coating technology, we achieved high barrier and resistance to traditional Met-PET. Aluminum foil replacement is possible for light blocking needs.

### 3) Toppan's Packaging Technology

- Air-Hold Pouch: Standing pouch with air-handle to replace cans and glass jars.
- Microwavable Pouches: Self venting / suitable for ready to eat
- Sealant for high speed filling: FDA approved sealant film suitable for liquid high-speed filling using Toppan's technology.



### 4) Co-packing Services

Toppan USA's co-packing subsidiary: Pouchfill Packaging, LLC. in Daytona, FL

