

# Application Case Story

## Meldin® 7000 Series

### APPLICATION:

Glass Handling Equipment

### MATERIAL:

Meldin® 7021

### PART DEFINITION:

Take-Out Insert/Grippers

### TECHNICAL DATA:

#### TYPICAL DIMENSIONS:

Various size rectangular shapes

SPEED: Static application

LUBRICATION: None  
(dry application)

#### WORKING TEMPERATURE:

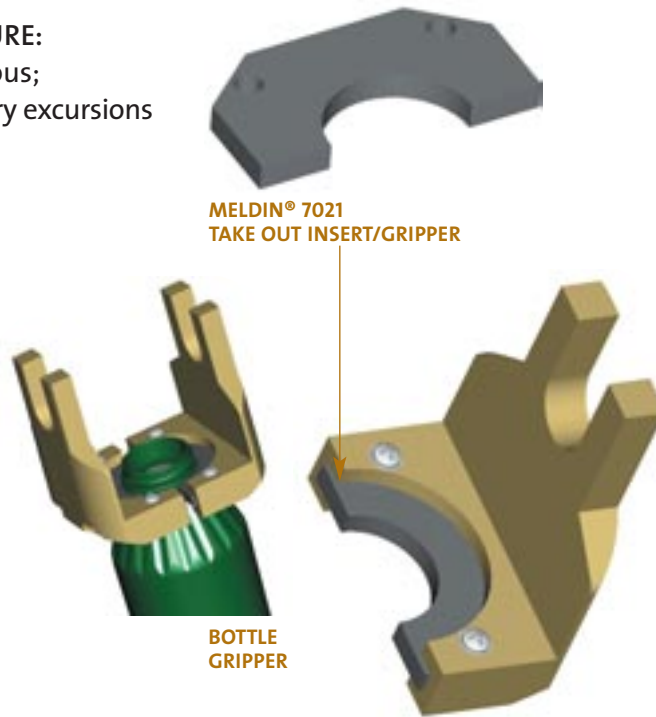
600°F (316°C) continuous;

900°F (482°C) temporary excursions

### FEATURES / BENEFITS:

- Non-melting
- High-use temperature
- Less stress than metal components on the glass
- Controlled thermal conductivity

In glass bottle production, polyimide take-out inserts and grippers are used for mold removal and transfer of red-hot bottles. Polyimide components improve bottle quality and production yield. Due to their low thermal conductivity, they reduce micro-cracking caused by rapid, non-uniform cooling.



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