

# Thin Gauge Sheet / Foil

Through commitment and dedication to producing products of the highest quality, Quinn Packaging have earned themselves a credible name within the manufacturing industry. They are recognised as world class manufacturers of rigid multilayer co-extruded sheet for thermoforming and form fill seal applications.

By adapting the Quinn-Group ethos of maximising output, using the latest technology and by creating an incentivised work-force we are able to offer Thin Gauge Sheet in a wide range of materials, widths, thicknesses etc.

Our facilities are capable of processing the following materials for food and non-food applications:

- Polystyrene (PS),
- High Impact Polystyrene (HIPS),
- Polypropylene (PP),
- Polyethylene terephthalate (PET),
- Amorphous Polyethylene terephthalate (APET),
- Polyethylene terephthalate / polyethylene (APET / PE)
- Crystalline Polyethylene terephthalate (CPET),
- Polyethylene terephthalate Glycol (PETG)
- Recycled Polyethylene terephthalate (RPET),
- Polylactic Acid or Polylactide (PLA)

Investment in cutting edge specialised equipment enables the processing of RPET in the form of Bottle Flakes. Using Erema® technology PCF Material is fed in; resulting in clean, food contact grade, optionally crystallised pellets with high IV levels and is FDA category "C" approved.

Our Sales and Marketing Department are continuously looking for new market opportunities within the Packaging industry. In order to meet and excel our customers' needs and expectations we also produce sheet to specific dimensions, specified by our customers.



## Polypropylene

Materials	PP/PS/HIPS
Sheet Thickness	0.25mm - 2mm
Sheet Width	Up to 1200mm
Core Dimensions	3"(76mm), 6"(152mm), 8"(203mm)
Number of layers	3

### Properties

- Resistant to stress cracking
- Amenable to hot filling (>800C)
- Suitable for punching shapes e.g. multi-packs
- Transparent / Translucent / Coloured available
- Will readily thermoform on standard equipment

### Applications

Dairy Products, UHT filling, Yogurt filling, Deserts, Fatty products.

Polystyrene / High Impact Polystyrene

## APET/CPET

Materials	PET Virgin / RPET (Recycled) / CPET (Crystalline)
Sheet Thickness	0.20mm - 1.4mm
Sheet Width	750mm - 1045mm
Core Dimensions	3"(76mm), 6"(152mm), 8"(203mm)
Number of layers	Up to 3 APET/CPET

### Properties

- Use of post consumer flake in food application
- Tight tolerance as in width and thickness
- High level of transparency
- APET/PE available for seal and barrier properties
- Suitable for deep draw packs

### Applications

Medical, personnel care, food; confectionary & Bakery

## Polylactic Acid

Materials PLA	PLA
Sheet Thickness	0.2mm- 1.4mm
Sheet Width	750 - 1045mm
Core Dimensions	3"(76mm), 6"(152mm),8"(203mm)
Number of layers	Up to 3

### Properties

- Bio-degradable (60 days - thin gauge in commercial composting)
- Highly Transparent
- Colours available
- Suitable for Hot-Fill <600C
- Rigid
- Will readily thermoform on standard equipment

### Applications

Form fill and seal, food, loose-fill, confectionery, jam/marmalade, sauces, biscuits, pharmaceuticals.