

## Perforated CPP Applications & Specification

### General Description & Applications

Copol International Ltd. has the capability to micro perforate virtually all of its CPP film products using hot needle perforation technology. Micro perforated CPP has applications in both flexible packaging and industrial applications. In flexible packaging, perforated CPP is used in fresh cut produce packaging for controlling gas and moisture permeability. It is also used in fresh bakery applications where venting is necessary to maintain firmness and freshness. Micro perforated CPP is finding its way more and more into food cooking applications both with “boil-in-a-bag” and microwave cooking. In the case of “boil-in-a-bag”, the perforations allow water to permeate throughout the packaged food resulting in more uniform cooking. With microwave cooking, the perforations facilitate venting of steam created inside the package. In non packaging applications, the micro perforations can aid in the venting of gases or fluids.

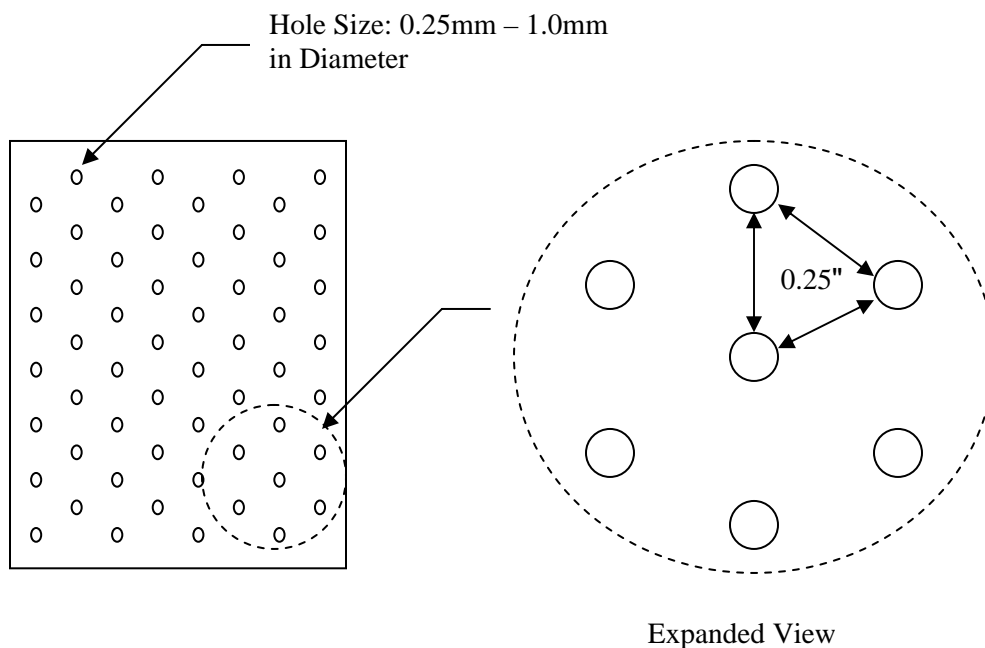
### Perforation Specification

**Hole Size:** 0.25 mm up to 1.0 mm in diameter

**Hole Configuration:** 6.3 mm (0.25") Triangular (as shown)

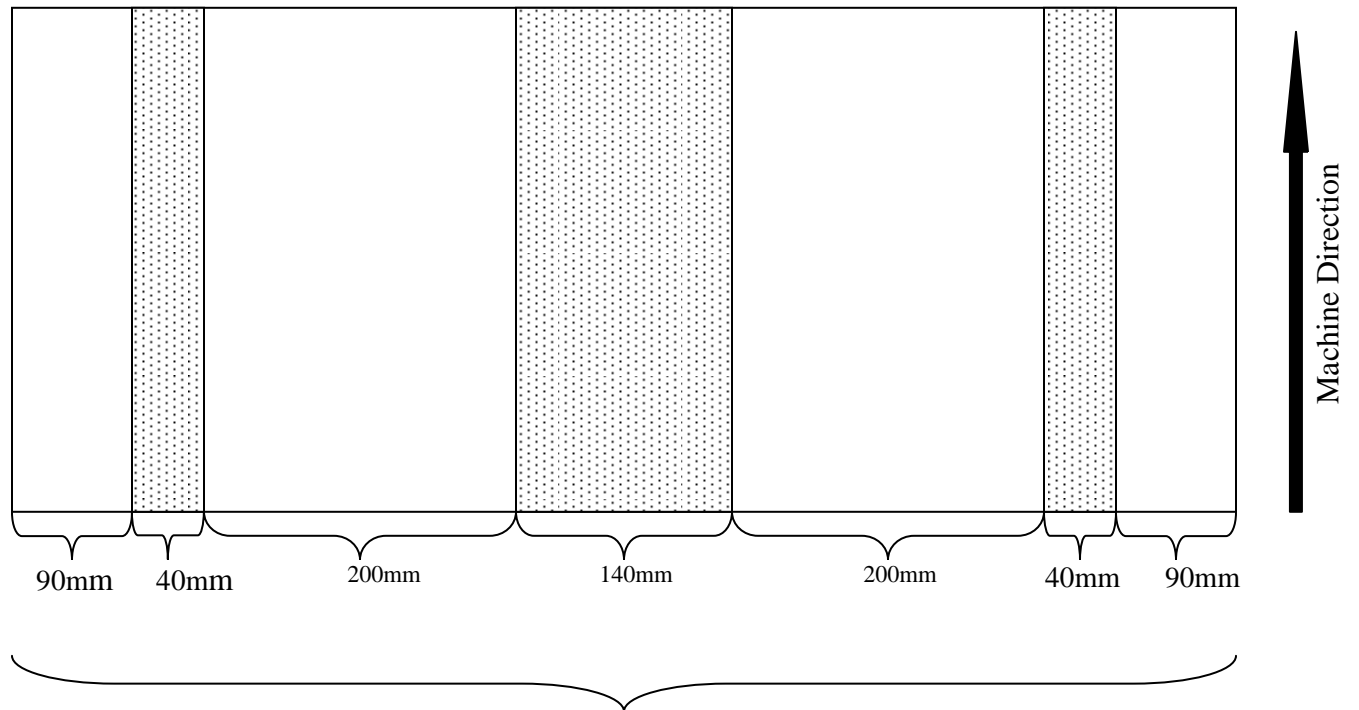
**Hole Density:** 23 holes/in<sup>2</sup> (average number)

**Web Perforation Patterns:** Customized lane perforations (machine direction only and limited to available set-up options) as well as full web width perforations.



## Standard Perforated Film Pattern – 31.5PRD1

### Produce Packaging Applications



800 mm (31.5") overall

Note: All lane widths are approximate.

This pattern can be modified to suit a variety of finished film web widths ranging from 27" up to 31.5".

**Standard Perforated Film Pattern – 21PRD2**

