

**Product Data Sheet**  
**Product Code: PLP-019**

**Structure: 108 g Reinforced Paper/13 g 2448 Overall Heat Seal Coating**  
**70 lb Reinforced Paper/8 lb 2448 Overall Heat Seal Coating**

**DESCRIPTION AND TYPICAL USE:**

PLP-019 is a reinforced 70 lb/ream paper overall air knife-coated with Amcor Flexible's proprietary 2448 heat sealant. It is designed for a variety of medical packaging applications, including thermoform-fill-seal lidding, die cut lids, and pouches. The product is designed to provide good seal and burst strength with extremely low risk of fiber tear, and to provide seal evidence via a dense white transfer upon package opening as a visual check of seal integrity. It is compatible with radiation and ethylene oxide sterilization, and is commonly used in conjunction with both rigid and flexible materials.

**TECHNICAL DATA**

PROPERTY	METHOD	METRIC VALUE	IMPERIAL VALUE
Basis Weight (Substrate)	TAPPI T410	108 g/m <sup>2</sup>	66.1 lbs/3000 ft <sup>2</sup>
Yield	TAPPI T410	8.3 m <sup>2</sup> /kg	5, 830 in <sup>2</sup> /lb
Coating Weight	TAPPI T410	13.0 g/m <sup>2</sup>	8.0 lbs/3000 ft <sup>2</sup>
Seal Strength to PET/PE film, 135°C, 345 kPa, 1 sec dwell, 180° h/h tail	ASTM F88	6.6 N/15mm	2.5 lb/in
Porosity (Gurley)	TAPPI T460	45 sec/100cc	45 sec/100cc

**OTHER PROPERTIES:**

PLP-019 is composed of a proprietary blend of EVA dispersions, tackifiers, and waxes. It is free of natural rubber latex, and is compliant with regulations regarding heavy metals (CONEG), BHT, and is nontoxic as determined through cytotoxicity testing compliant with ASP 24<87> and ISO 10993-5.and BHT. Data on physical and functional properties are available for up to five years of accelerated aging following EtO and 35 kgray <sup>60</sup>Co sterilizations. Data is also available demonstrating the microbial barrier properties of PLP-019.

**PROCESSING SUGGESTIONS:**

Seals are typically made in the range of 250-275°F, and using a 180° peel method will provide seal strengths in the 1.5-2.0 lb/inch range. Heat seal curves to variety of mating webs are available upon request.

The above figures are indicative only. No guarantee, warranty, or responsibility on the part of Amcor Flexibles is implied. The customer is responsible for determining whether Amcor products are fit for a particular purpose, as well as ensuring any proprietary rights, legislation, and existing laws are observed.

Amcor Flexibles Healthcare  
4101 Lien Road  
Madison, WI 53704

This document is in compliance with the IoPP Medical Packaging Technical Committee Guidelines for Data Sheets.