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**Manufacturers of Water Based Adhesives
Coatings and Polymer Systems**

TECHNICAL DATA

PRODUCT CODE : **FP 2035**
ISSUED : **21.01.15**
ISSUE NUMBER : **01**

INTRODUCTION

FP 2035 is a soft cold seal designed for corona treated films where cold seal release lacquer is used for release in the reel.

This grade of cold seal has been formulated to have strong seals and excellent adhesion to corona treated PE and OPP.

The excellent adhesion to the base film can provide re-sealable properties if required.

This cold seal grade has been put through extensive development programme in the laboratory to provide a very high level of mechanical stability in the wet state.

The modification will make the cold seal more 'user friendly' for the press operator, providing less build up behind the doctor blade and reduced scumming on the gravure cylinder.

PROPERTIES

Total Solids Content, %	53.0 +/- 1%
Viscosity (ready for use)	200 - 250 c poise
pH	10.0 -10.5

COATING WEIGHT

Cold seal coating weights must be carefully controlled on the press, the recommended coating weight for a new cylinder is 3.0 – 4.0 gsm.

FOOD CONTACT



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The dry film components of FP 2035 meet the necessary direct food contact regulations for food packaging.

Further details can be made available on request.

STORAGE AND HANDLING

FP 2035 should be stored in sealed containers and kept at temperatures between 5 and 30^oC. If the warehouse is cool (i.e. 5-10 deg C) it is advisable to bring the cold seal into the factory to acclimatise the adhesive to room temperature before use. Do not store containers in direct sunlight.

The cold seal must be gently stirred before use to ensure the individual components of the formulation are homogeneous.

The cold seal must not come into contact with copper or copper alloys.

It is highly recommended that cold seal is pumped through a clean peristaltic pump from the IBC into the press tray.

SAFETY DATA

Appropriate personal protective equipment must be worn when handling FP 2035. Full details are given in the appropriate Material Safety Data Sheet.