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

TECHNICAL DATA

PRODUCT CODE : **FP 2154**
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INTRODUCTION

FP 2154 is a medium soft cold seal designed for a wide range of papers and cardboard where cold seal release lacquer is **not** required.

This grade of cold seal has been formulated to have good 'ease of seal' where sealing pressures are low.

TECHNICAL BENEFITS

1. **Excellent rub resistance when applied to a wide range of paper and board grades.**
2. **A very high level of mechanical stability in the wet state providing a more 'user friendly' cold seal for the press operator, removing concerns over excessive build-up of cold seal behind the doctor blade which results in 'scumming' on the gravure cylinder.**

PROPERTIES

Total Solids Content, %	57.0 +/- 2%
Viscosity (ready for use)	1000 - 1400 c poise
pH	10.0 -10.5

COATING WEIGHT

Cold seal coating weights must be carefully controlled on the press, the recommended **dry coating weight** is usually between **3.0 – 5.0 gsm**.

The higher the cold seal adhesive coating weight the stronger the bond.

FOOD CONTACT

The dry film components of FP 2154 meet the necessary direct food contact regulations for food packaging.

Further details can be made available on request.

STORAGE AND HANDLING

FP 2154 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

FP2154 is based on natural rubber latex which can cause an allergic reaction in a very small proportion of the population. Attention to this concern should be taken into account when used in packaging.

Appropriate personal protective equipment must be worn when handling FP 2154. Full details are given in the appropriate Material Safety Data Sheet.