

December 2., 1942

Mr. J. J. Driscoll, Mgr.,
Purchasing Dept.,
R. L. Latham Company,
New York, N. Y.

Subject: India House Roll

Dear Sir:

Prompted by our limited supply of India House Roll and in line with your request of December 2th, we have conducted a test on various substitute sheets to determine the best combination from a moisture holding standpoint.

Therefore, on December 11th, we packed four dozen 25¢ packages of India House. Twelve were made with foil, twelve with laminated paper supplied by the R. L. Latham Company, and twelve with an asphalt laminated paper furnished by Mr. Taylor of the Dupont Paper Company. Six of each of the four lots described above were wrapped with cellophane, while the remaining six were left unwrapped. All eight lots were then placed on a shelf in the laboratory, where they were exposed to identical atmospheric conditions for the same length of time. Accurate weighings were at frequent intervals indicated rate and extent of moisture loss through evaporation. Thus, the following data were acquired:

Grade of moisture lost from
the 25¢ packages of India House
(Cellophane wrapped)

Days Exposed	Foil Liner	Specialty Papers Laminated Liner	Asphalt Laminated Liner	Dupont Asphalt Liner
3	.7	.4	.5	.4
5	1.0	1.0	.9	.8
10	1.7	1.7	1.7	1.4
(No cellophane wrapper)				
3	3.4	3.1	4.4	7.5
5	4.8	7.2	5.7	10.3
10	7.1	11.3	7.5	15.5

04362364

ROLL NO.

December 23, 1942

Page (2)

From the above figures you will note that, when a cellophane wrapper is employed, it makes no difference what type of a foil substitute is used from the standpoint of moisture protection. However, when the cellophane is omitted the faith laminated paper ranks next to foil, the Layton laminated paper next, with the asphalt laminated paper furnished by Mr. Taylor the poorest.

Since we expect to use cellophane on India House as long as possible, Mr. Hapgood and Mr. Freeman authorized the adoption of the gray and white laminated paper furnished by the Specialty Papers Company. This will give us good moisture protection, a satisfactory appearance, and more important will lend itself to machine packing on one of our packers, which Mr. Cheek intends to rebuild for this purpose. Consequently, as soon as Mr. Cheek has rebuilt a machine to a point where we can arrive at roll dimensions, Mr. Freeman will order sufficient paper to take care of 300,000 packages from the Specialty Papers Company.

With reference to the next to last paragraph of your letter of December 8th, permit us to state that the India House, to which you refer, was simply packed too dry to start with, and was not a fault on the packaging material used. This oversight occurred as a result of delay in making up the special packages.

Very truly yours,

Chester
Middletown Branch
P. Lorillard Company

H. P. Prew

CC: Mr. J. S. Freeman

04362365