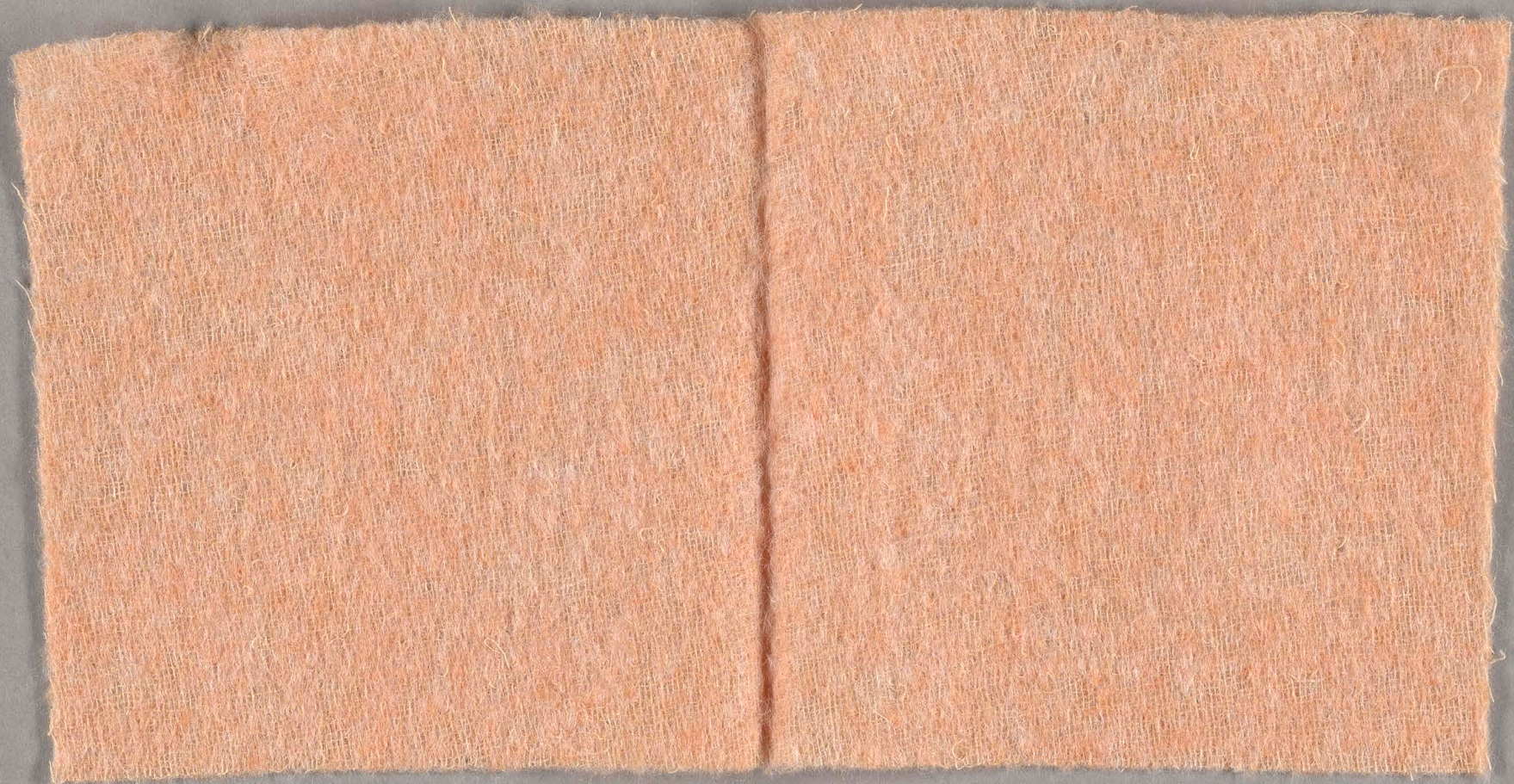




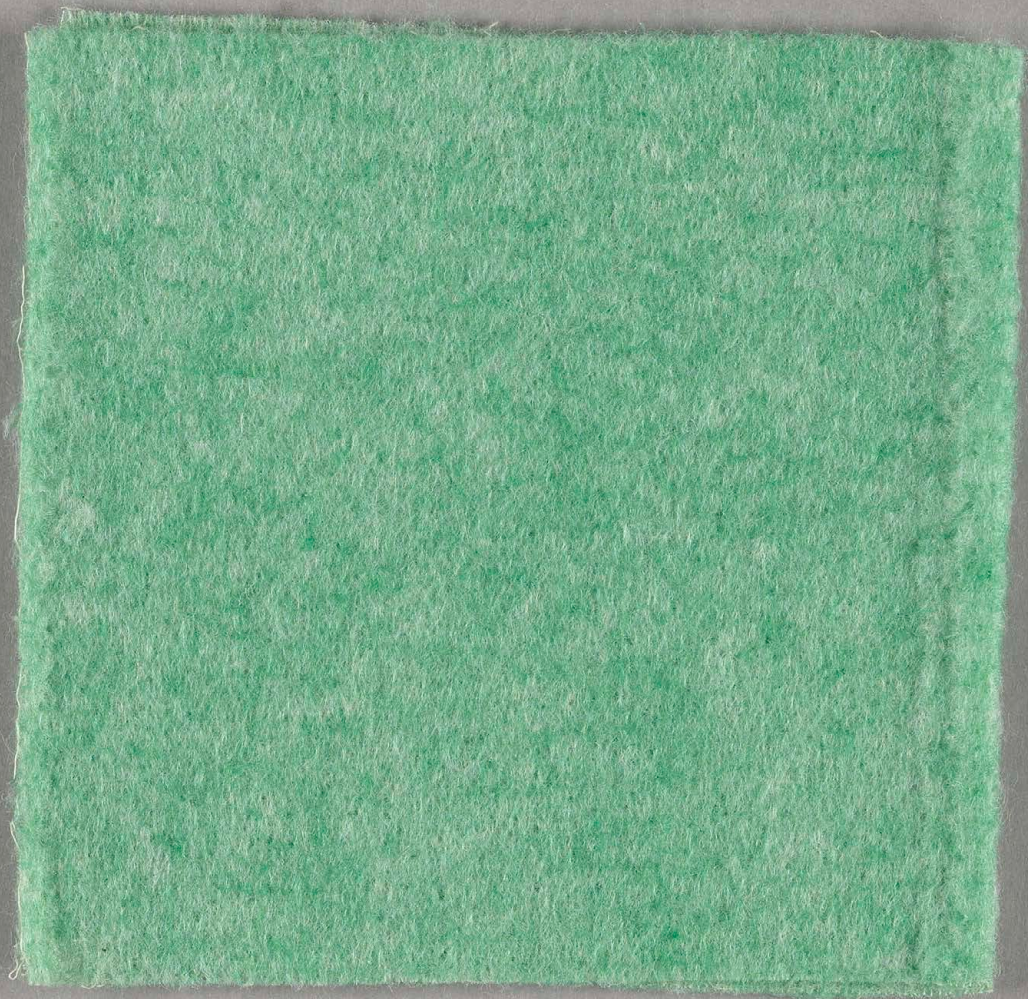
[Alvin W. Boese Papers.](#)

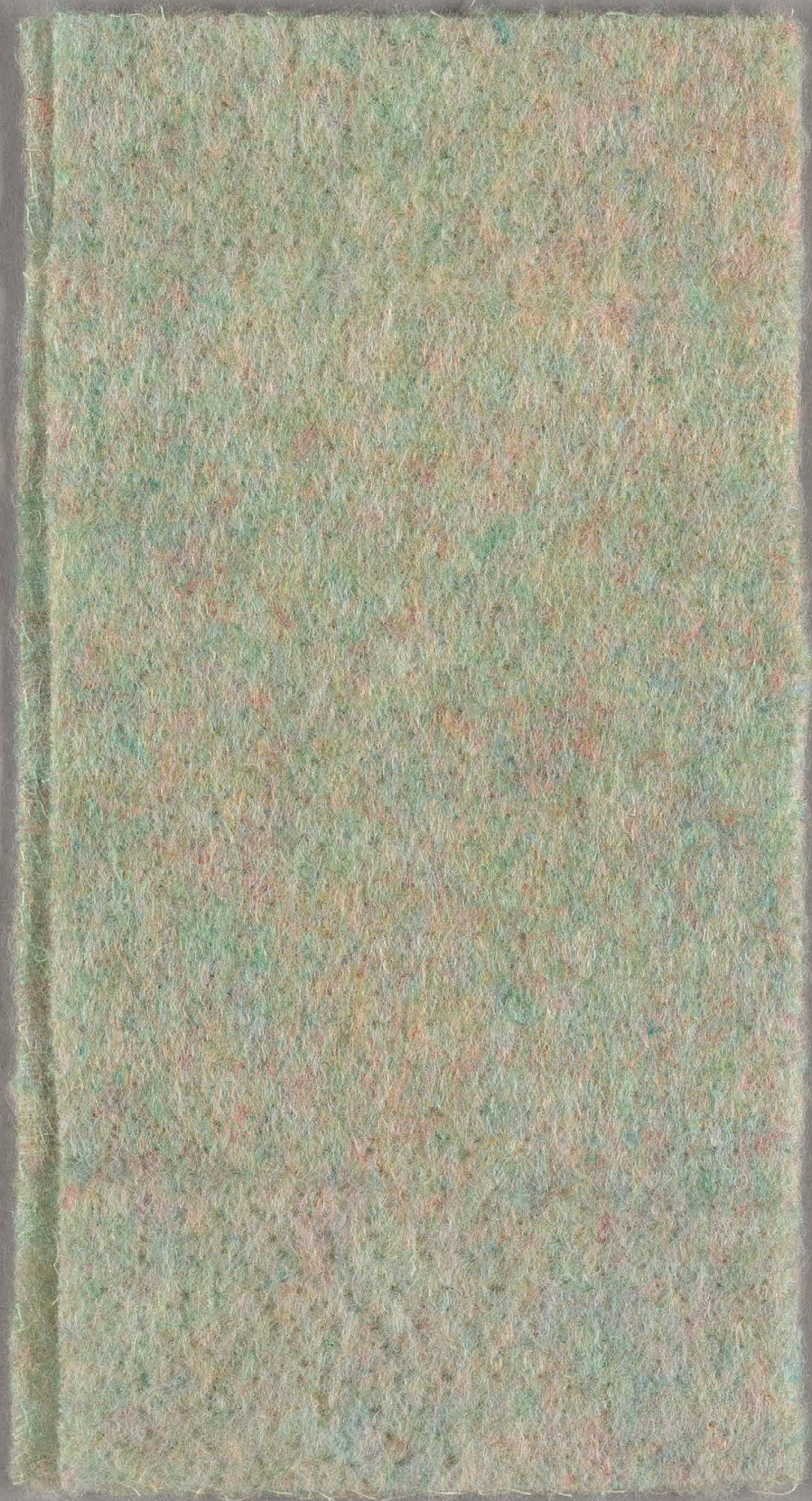
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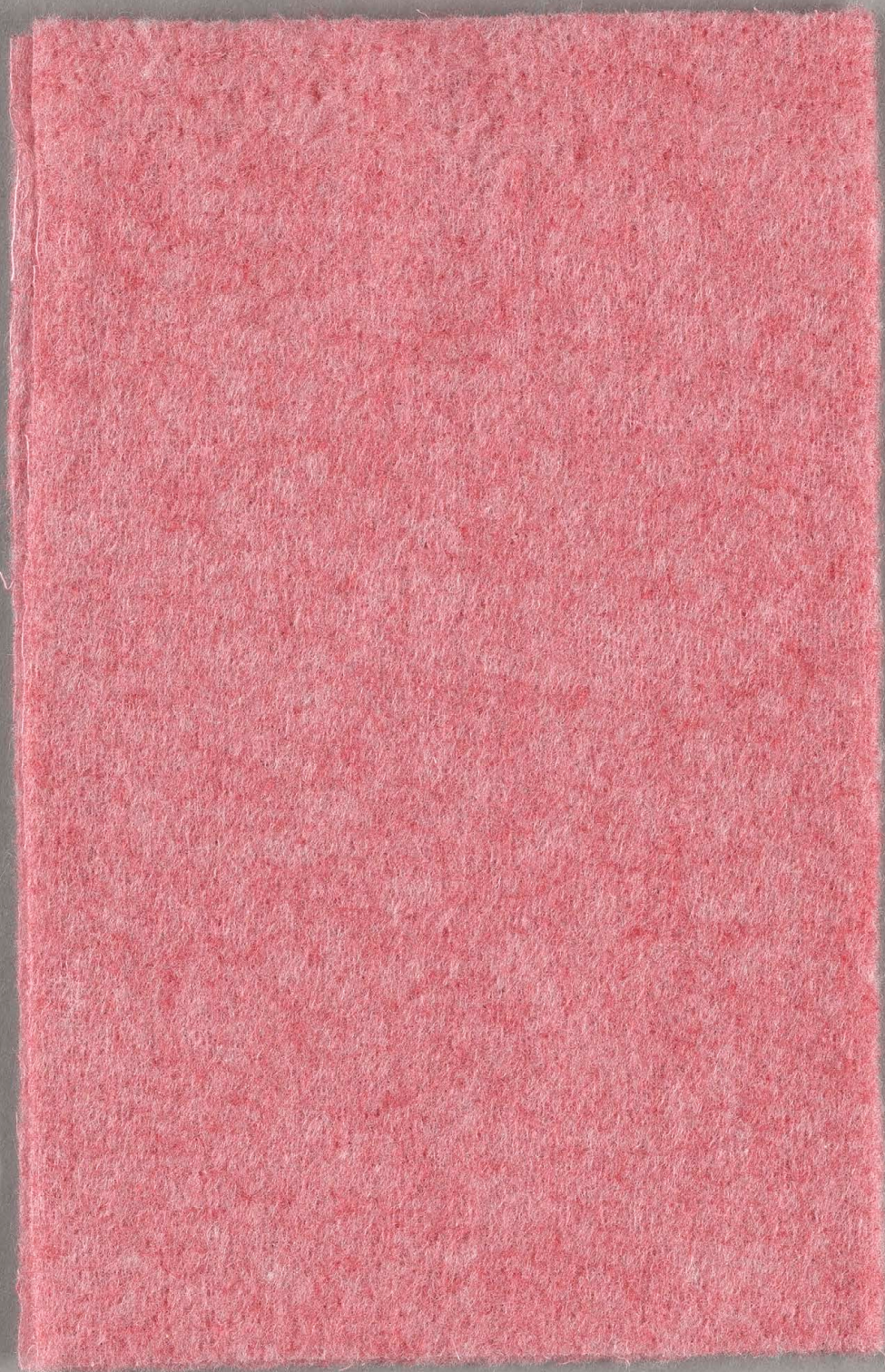


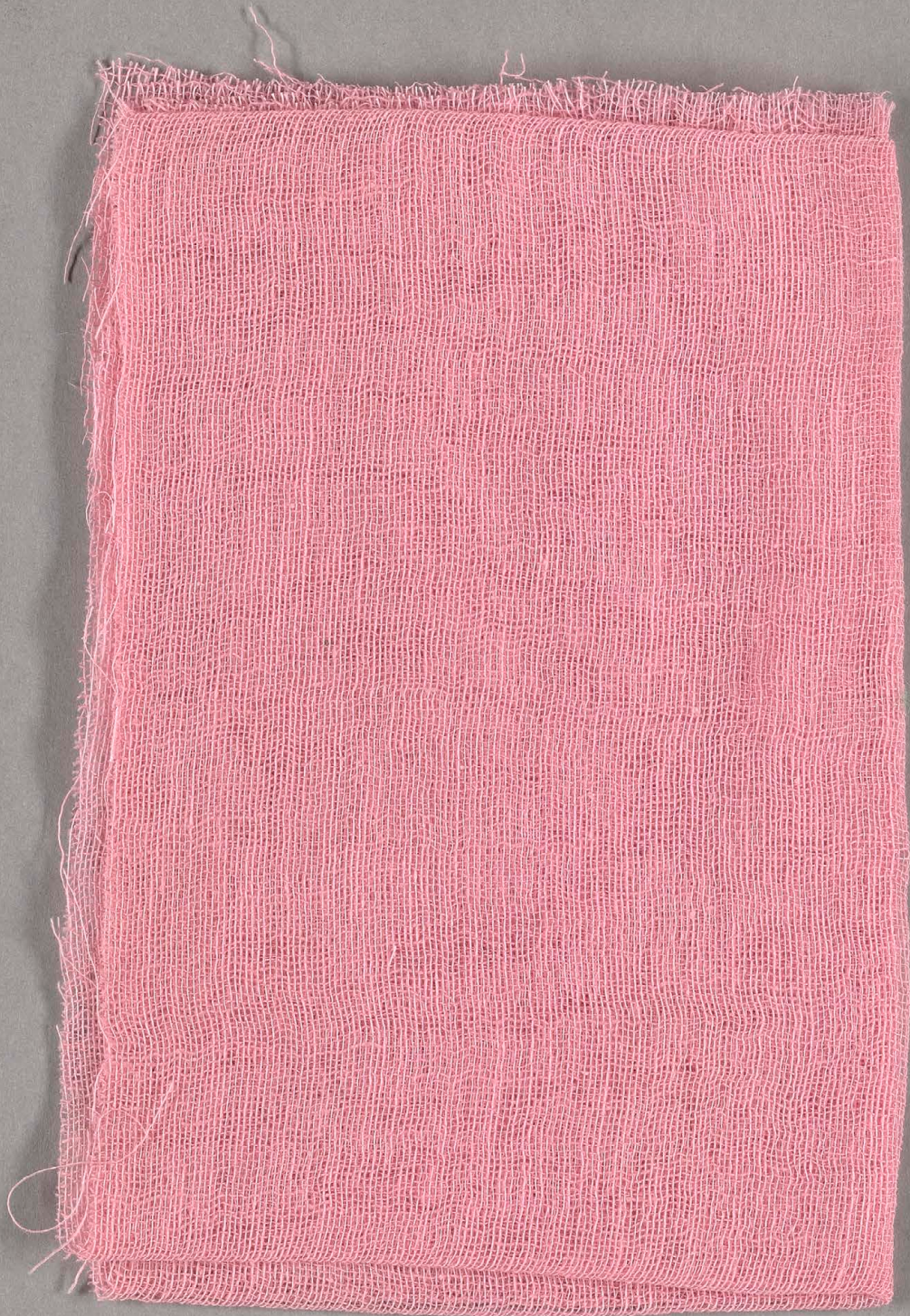












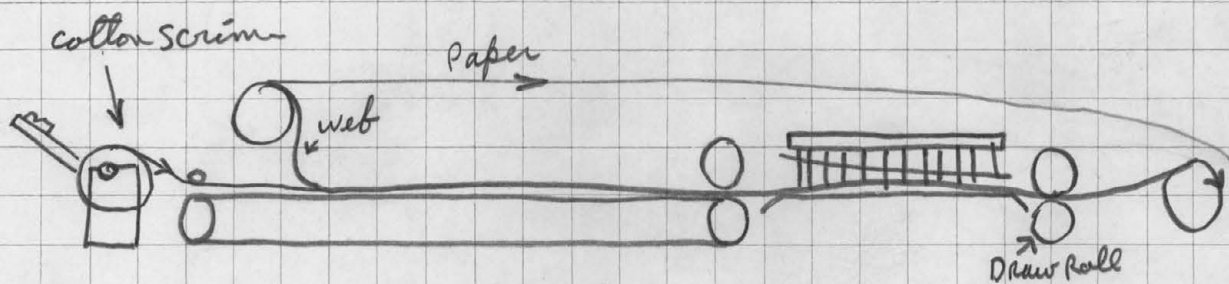
Date: 3-22-73

3M Brand capsules + non woven web.

Exp. No. 1

Rando web needled into scrim for Norman Sweeney of Paper Prods. Div.

- ① Blend 75% 3den. Rayon + 25% 3den. Poly. Pro. on 12" Rando web  
<sup>1 7/16" FMC Dull</sup> white <sup>1 1/2"</sup> Red  
and Roll up a 50' web and needle into cotton scrim.
- ② 75% 3den. white Rayon + 25% 3den. Blue Poly. Pro.
- ③ 75% 3den. white Rayon + 25% 3den. yellow Poly. Pro.
- ④ 75% 3den. white Rayon + 25% 3den. Orange Poly. Pro.
- ⑤ 75% 3den. white Rayon + 25% 3den. green Poly. Pro.



needle Draw Roll speed - 22 Sec. one Rev. / needle penetration Depth -  $\frac{11}{16}$ " to  $\frac{3}{4}$ "

needle type - Tarrington felting needles 781200 003  
15 x 18 x 32 x  $3\frac{1}{2}$ " CB  
chrome plated

75% Rayon - 225 grams  
25% Poly. Pro. 75 "

Run fiber two times in Rando to blend good

300 grams total fiber for each blend

Exp. done by Vernon W. Margenau