



# **The Sizing of Paper**

## **Third Edition**

Papermaking Additives Committee

*Edited by*  
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*and*  
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## Preface

In 1999, the Papermaking Additives Committee decided to completely rewrite the TAPPI Monograph, “The Sizing of Paper”. Since the last edition that was compiled and edited in 1889 by Walter F. Reynolds, most of the paper mills have converted to neutral or alkaline pH wet end conditions.

Therefore, this new monograph reflects the new application experiences and technologies. To accomplish this end, we followed the general format established in previous monographs. We broke down the project into specific product lines. The authors selected for each topic were experts in their field. Furthermore, we expanded the size press surface sizing sections so that we could accommodate the new interests generated by this technology. We hope that this compilation of chapters will be of some help to paper mill technical people, students, chemists and mill engineers.

Finally, I would like to give special thanks to Lori Murphy and Eric R. Wagner at for doing some of the secretarial and editing, Columbia River Carbonates for giving me the resources to edit this book and to members of our families for putting up with us. Also, I would like to thank Dr. C. M. Wai for giving me general advice during the making of this monograph.

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