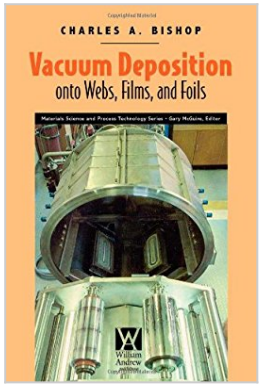

Vacuum Deposition onto Webs, Films, and Foils (Materials Science and Process Technology)

By Charles Bishop

Vacuum Deposition onto Webs, Films, and Foils (Materials Science and Process Technology) By Charles Bishop

This new book from William Andrew Publishing is the only practical reference available for anyone employing the roll-to-roll deposition process. Vacuum Deposition onto Webs, Films and Foils is an expansive journey of the process; benefiting manufacturing efficiency, unit cost reduction, and financial results. It is a sweeping approach to the total design of the vacuum deposition process written by a successful and world renowned consultant with three decades of experience.

Roll-to-roll deposition processing is a high growth industry and this reference covers a wide variety of important industrial products that use vacuum deposited coatings, including: optical storage devices, metallized packaging films, energy conservation windows, electronic information displays, and magnetic electronic article surveillance (EAS) tags among many others. This book is a must-have for roll-to-roll machine operators, process engineers, and research and development engineers throughout industry.

The book provides a broad appreciation of roll-to-roll vacuum deposition systems and processes. It will encourage a more comprehensive look from material supply through to the downstream processes that the product will encounter. It is a truly unique reference written to guide operators and engineers as an onsite consultant would.

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Editorial Review

Review
"...a comprehensive reference work for anybody working in vacuum coating of polymer films." - Dr. A.G. Spencer, Alacritas Consultancy, Ltd.

About the Author
Charles started his working life as an apprentice in mechanical engineering finishing as a toolmaker. He has a degree in Materials Engineering and Masters and Doctorate Degrees by research in vacuum deposition onto polymer webs. He now has accumulated over 35 years experience in vacuum deposition onto webs with the last 15 spent running his own consultancy business. He has published over 85 technical articles and papers, has 5 patents & has run training courses in Asia, Europe and USA. He has written two books ‘A guide to roll-to-roll vacuum deposition of barrier coatings’ and ‘Vacuum Deposition onto Webs, Films & Foils’, now into the 2nd edition and contributed chapters on transparent conducting coatings and packaging coatings in two other books. Charles is a Blog editor on behalf of AIMCAL and has a regular column in Converting Quarterly.

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