



Ceramic Anilox Roll Identification System

The newest item to be added to Praxair Surface Technologies' growing list of products and services for the printing industry is their Anilox Roll Identification System. With this system, Praxair can provide printers and converters with the option to specify a personalized identification band on each laser engraved ceramic anilox roll ordered. The introduction of this unique marking method shows once again how Praxair listens to its customers and strives to continually develop new products and services to satisfy their requests and the needs of the printing industry.

Identification Convenience

Praxair is offering this distinct identification marking system for use with all of its anilox engraving types, and it is available on all of the company's roll options and constructions, including Rainbow™ enhanced surfaces and Lightlox™ roll construction. One of the benefits of Praxair's Anilox Roll Identification System is that it allows an anilox roll to be quickly and easily identified by pressroom personnel. The identification band, with a width that varies based upon the size of the roll and the requirements of the customer, will be located in a non-print area of the roll face. Praxair will engrave a number of identifying characteristics of the roller on this band, depending upon the space available and the wishes of the customer.

This convenient system can provide all the details that printers and converters would need to know about their anilox rolls without having to look up the original order or paperwork. The engraving specification, the press name and number, the roll number, Praxair's roll number— any and all of this information can be incorporated into the identification band engraved on the roll, as well as any other data that would assist with storage and cataloging roll inventory.

the old etchings must be removed or crossed out (generally, they are X'd out) to allow for the stamping of the new identification information. Unfortunately, this metal stamping method generally results in letters that are poorly formed and/or difficult to read due to their size and placement. Additionally, these stampings can be easily concealed by ink or worn away by abrasive inks or end seals.



Roll marking technology provides unique identification data that is specific to each laser engraved ceramic anilox roll

Easy-to-Read Markings

Praxair has always marked the rolls it processes with engraving specifications and identifying numbers located on the end face. This has traditionally been accomplished via metal stamping or vibro-etching directly into the steel side faces of the anilox roll. But first,

Roll Identification Benefits

Praxair's new identification system offers an improvement on metal stamping and vibroetching because it allows the converter to easily read the information contained within the band, even when the roll is in the press, something that cannot be done with

these 'traditional' end face marking systems. The laser engraving details are computer generated and controlled, insuring that accurate roll identification information is engraved onto the ceramic roll surface. And, the identification information will last for the life of the engraving.

The roll identification system provides quick and easy access to valuable data needed in selecting rollers for a specific press run.

In addition, when you need to have rollers re-engraved or want to specify the requirements for a new order, having an identification band on your roll provides you with easily obtained and detailed information, which eliminates the time required to research data for a new order.

All of these advantages make Praxair's Anilox Roll Identification System a great tool for product identification and traceability, as well as quality control and inventory management.

If you would like an identification band engraved on each roll of your next order, please contact your Praxair Surface Technologies Technical Sales Engineer or Customer Service department. Our representatives will be happy to assist in specifying the details for an identification that will provide you with the best data for your application needs.