NIP ROLLS

EXTENSIVE FIELD SERVICE NETWORK

NIP ROLLS

50 YEARS OF EXPERIENCE
EDLON® Nip Roll

The cost-saving release covering

The Edlon nip roll is truly integrated fluoropolymer nip roll for laminating and coating converters. The Edlon nip roll offers life that of standard rolls while providing the excellent release characteristics of Teflon®. As such, nip roll wrap-ups and problems associated with edge over-coat are eliminated, permitting faster, easier web changes.

The high release characteristic of the Edlon Nip Roll permits a substantial reduction in direct labor and machine down time costs associated with taping rolls as well as with removal of wrap-ups. Roll grinding and replacement cost will also be reduced in many applications.

Edlon fluoropolymer roll cover benefits.

- Provides excellent release surface.
- Unaffected by conventional solvents; no swelling.
- Easy cleanup.
- Fluoropolymer surface won’t come loose from rubber surface.
- Completely eliminates tape wrapping of rolls.
- Reduces roll grinding and roll changes.
- Allows for increased line speed.
- Provides faster, easier web width changes.

Edlon roll vs. silicone rubber covered roll

The Edlon fluoropolymer covered nip roll handles sticker materials, such as resin better than silicone rubber covered rolls. The fluoropolymer covers also handle higher nip pressures (PLI).

Most resins used in adhesive coating and laminating applications will release more readily from a fluoropolymer cover than from a silicone rubber covered roll. In addition the fluoropolymer roll will continue to release longer, especially under higher temperatures. Since the fluoropolymer surface is not affected by conventional solvents, there is no swelling of the roll and cleanup is easy.
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