

(FIELD) COATINGS IN ACTION

Background:

Tension Reels, also known as Expanding Mandrels, are used in winding applications of sheet materials. Mandrels are utilized at the beginning of a sheet processing operation, or at the end of an operation as a take-up reel. The reels can be collapsed to release the winding.

Take-up reels require a high coefficient of friction to insure a tight winding. As the surface becomes smooth, the product may not wind tightly. This loose wind may also increase the likelihood of telescoping.



Coating Specifications:

Purtech UHV 80 and UHV 80HP coatings are widely used by steel companies to improve reel performance. The surface finish of these coatings can be varied from 150-500 RMS. This greatly increases the reels ability to grip. The hardness of these coatings is Rc70, and bond strength is in excess of 9000 PSI.

Benefits:

- 1** Improved traction for tighter windings.
- 2** Increased wear life over chrome plated and knurled reels.
- 3** Inhouse or Field applied, minimizing down time.
- 4** Lower overall cost of operation.

Purtech offers complete 24/7 field services, including portable blast & dust collection equipment.

For more details on this application or to discuss your project needs, please call

TOLL FREE
1-800-452-1669

Purtech Incorporated, 12 Progress St., East Stroudsburg, PA 18301

WIRE METALLIZING

UHV
HVOF
PLASMA
TWIN WIRE
ARC

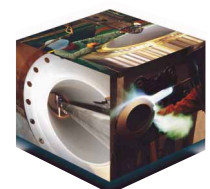
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www.purtech.com

or contact us

by telephone at
(800) 452-1669

via facsimile at
(570) 424-0397

or email
Infonow@purtech.com



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