



Kastalon Yield-Savers

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Mandrel Sleeves Prove Their Weight in Gold



Kastalon Mandrel Sleeves allow the coil processor to unwind or rewind coils that are larger than the maximum expansion of their mandrel.

Made from specifically formulated Kastalon Polyurethane[®] with exceptional wear properties, these mandrel sleeves are custom engineered to fit your specific application.

Kastalon sleeves increase the diameter of your mandrel for larger coils and increase the coefficient of friction. The quick and simple installation reduces downtime to a minimum. Kastalon Mandrel Sleeves (a.k.a. reel tubes) effectively prevent reel breaks and have allowed up to 13 times longer runs between mandrel rebuilds at a dramatic reduction in operating costs.

- Kastalon offers slip-on or bolt-on sleeves with or without a slot for the tail gripper.
- Thin-walled Mandrel Sleeves are used to prevent damage from coil creases, scratches, and marring, especially for softer-grade materials.
- Thick-walled Mandrel Sleeves make it possible to make a quick-change adjustment of I.D. size with the added benefits of protection.
- Dual Durometer versions provide a metal-like hard surface against the mandrel with a softer outer skin to provide protection for the inner wraps of the coil.

Straight Talk from our customers:

Kastalon's Expanding Mandrel Sleeves virtually paid for themselves the moment we unwound our first coil. With coil prices at a premium, every effort to maximize our output must be made and we look to Kastalon to help design products such as the Mandrel Sleeves. An initial investment on our part has optimized our production, giving our customers an excellent finished product while maximizing our operating profits. Kastalon's Sleeves are still in great working order after months of use and plans are in the immediate works to outfit all of our uncoilers with Kastalon's products."

- Mike Seidel, Plant Manager, Titan Steel Corp.

Running 180,000 lbs per day, Titan Steel has calculated a yield of 50-75 more sheet-per-coil output on their blanking line using Kastalon's Expanding Mandrel Sleeves. According to Mike Seidel, at a cost of \$2 per sheet, Titan is saving \$800 - \$1000 per day, which does not include the huge cost savings in the manpower required to scrap the previously damaged sheet.

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Filler Plates



When uncoiling several coils requiring the same I.D., the most effective method of adjusting an existing slitting line mandrel is with quick-change Kastalon Polyurethane Filler Plates. Bolt-on filler plates significantly reduce damage to the inner wraps with their scratch-resistant, non-marring surface of hard urethane. Because the urethane is far lighter than steel, faster change-outs and reduced maintenance cost, further improve operating efficiencies.

- Withstands tremendous weight without cracking
- Can be bolted on by hand

Straight Talk from our customers:

A globally recognized appliance manufacturer recently reported that the addition of Kastalon Filler Plates not only resulted in a 14% increase in useable yield from the coils they were running, but they also gave them the flexibility of purchasing coils with non-standard I.D.'s at reduced prices.

Filler Rings



For minor adjustments, Kastalon Filler Rings are an economical alternative. Manual slip-on installation is accomplished with no downtime or mechanical intervention. Filler Rings prevent hard metal mandrel contact with the coil, protecting against creases and metal losses due to marking and/or scratching.

For more information, go to www.kastalon.com.

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