

NEW

HI-RADIUS CORE

Hi-R

RADIUS

The Issue/Problem:

One of the biggest issues in today's polyamide and polyester yarn manufacturing process is machine downtime caused by yarn breakage during unwinding. Typically, polyamide and polyester yarn producers have used a straight cut paper core with a plastic cap during the unwinding process which does not fully meet their needs. When this method is used the yarn often snags or catches during unwinding, causing it to break. This leads to costly machine downtime and high yarn waste. The Hi-Radius core has been designed to meet the needs of yarn manufacturers by delivering a core that significantly reduces yarn breaks and maximizes yarn production, delivering numerous cost savings.

The Hi-Radius Core Solution:

The revolutionary Hi-Radius core from Sonoco Alcore® significantly decreases the number of yarn breaks and eliminates the use of plastic caps by delivering a core with a higher radius on the unwinding side of the core. By increasing the radius we supply a smoother surface core with a larger rounded edge which meets the requirements for efficient unwinding. This rounded edge allows the yarn to flow smoothly off the package because it does not snag or break as it is removed. Cost savings are also delivered by removing the use of plastic caps which can easily become damaged or lost during production. A typical producer needs between 1,000 and 4,500 depending on their manufacturing process. By using the Hi-Radius core all these costs are removed, providing a core which offers superior value and performance.



Take advantage of JIT delivery and experience reduced yarn breaks and significant cost savings delivered by the Hi-Radius core

Hi-Radius Core Benefits:

- ***Decreased yarn breaks leads to less machine downtime and increased productivity***
- ***No use of plastic unwinding caps - save cost and handling time***
- ***Reduced waste as plastic caps are not needed***
- ***Unwind until the end of the bobbin leads to no wasted yarn***
- ***Hi-Radius Core is 100% recyclable***

**SONOCO
ALCORE®**

NEW

DELTA CORE

**DELTA
CORE**

Sonoco Alcore's paper cop

The Delta Core paper cop provides a revolutionary alternative to the traditional expensive metal cops used during polyamide yarn production. Metal cops have a number of costs associated with them that can be removed by using Sonoco Alcore's innovative Delta Core cop solution. The costs associated with using metal cops include tying up cash by maintaining large inventory, costs of purchasing plastic sleeves, cleaning and refurbishment costs, and costs associated with lost or unreturned metal cops. These costs are removed by using the Delta Core paper cop solution as it is a one-way use core that offers a highly effective alternative.

With ever increasing metal costs, the Delta Core provides an opportunity for cost savings without sacrificing yarn production quality or quantity.



*The Delta Core
replaces metal
cops*



Delta Core Benefits:

- *Replaces metal cops and saves you money on recovery costs for reclaiming and refurbishing metal cops*
- *Cost-competitive solution that allows you to grow via exporting*
- *No plastic sleeves required in production which reduces cost*
- *Save on high initial investment costs associated with using metal cops*
- *Reduce the effect of lost metal cops to your business*
- *Reduce your inventory costs by using the Delta Core paper cop*
- *Custom colours available to meet your yarn production needs*
- *JIT delivery*
- *One-way paper cop that's 100% recyclable*

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