Collagen

Collagen VS Hog Casing

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Is there a more cost effective and efficient alternative to traditional natural hog casings? We believe there is with our Tender Edible Round (TER) shirred collagen strands from our partners at Fibran Group. From an invoice/price per foot perspective, it may not seem so, but allow us to quote you a price, review associated costs/benefits, compare the total cost of ownership, and see.

Production yields

Beyond price per foot, please consider what goes into the cost of shipping brine-filled drums, storage / disposal / recycling of those drums, the cost of flushing and prepping the casings, as well as the environmental impact of flushing/prep wastewater. Only take what you need out of the case for any particular batch run – don't worry about reworking anything flushed and soaked which may remain after the batch. Also consider the time it takes to horn mount and reload hog casings at 18' to 25' in length vs. a consistent 49' per strand. Pull a shirred strand of TER out of the caddy and put it on the horn in seconds, stuff twice as much in half the time with the ease of sliding a shirred strand onto the horn. And what does that equate to from an employee satisfaction standpoint? Can you put a value on making your stuffing operators' day to day life much easier?

Collagen benefits compared to traditional natural hog casings:

- Lower cost of shipping and storage
- Easier on the environment
- Consistent quality - improved production cycles
- Operational efficiencies to be gained - more throughput in much less time
- Employee satisfaction

Contact ViskoTeepak

Please allow one of our sales and tech representative to review these points with you and see how the Total Cost of Ownership may benefit you and your employees by making the switch to ViskoTeepak's TER by Fibran Group. Going from hog/sheep casings to TER may become a natural progression in improved production and throughput.

How to calculate?

When calculating and comparing yields between Collagen and traditional natural hog casings, there are multiple factors to consider. On the following page, the chart helps you to consider different parameters and numbers when doing your calculation. To complete the chart, fill in the blanks to help calculate your total cost of ownership running the equivalent of one barrel of hog/sheep.

Hog Casings

33/35 Casing size

Hanks per barrel	**240**	$_____ Casing cost per hank
Feet per barrel	**72,000**	$_____ Casing cost per foot
Shipped in brine - weight and cost		$_____
Barrel disposition - cost		$_____

Casing Prep - overnight soak / flush — $_____ Combined total from left
$_____ Time / Labor of x employees
$_____ Water cost
$_____ Environmental costs (wastewater)
Prepping the right amount of casing needed
$_____ Resalting / repacking unused casings

Operational Efficiencies
12- 16 casings per hank = 5.7m to 7.6m per casing
Horn mounting non-tubed = 60 seconds
Horn mounting tubed = 30 seconds

Yield variables
Quality (strength/pinholes)
Diameter and weight variation
Strand length / rack weight inconsistencies

$_____ total cost of owners

Hog Casing Calculation Chart

Tender Edible Rounds Calculation Chart

Tender Edible Rounds

34 Casing size

Meters per case	**3,600**	$_____ Casing cost per hank
Feet per case	**11,811**	$_____ Casing cost per foot
Cases per barrel	**6.10**	
Shipped in sealed cases / caddies - not shipping brine		$_____

Corrugated and bag recycling

No prep / flushing — $0.00 Combined total from left
$ 0.00 Time / Labor of x employees
$ 0.00 Water cost
$ 0.00 Environmental costs (wastewater)
Take what you need - keep the rest in the case
RTU out of the box / no prep / no flushing
$ 0.00 Resalting / repacking unused casings

Operational Efficiencies
15m per strand - 50% less changeover
5 seconds to load and start stuffing
Quick / Easy strand loading
Improved stuffing operator morale
Increased loops per stick = fuller racks = more throughput

Yield Variables
Consistent quality, diameter, and strand length
Less yield loss / rework
Improved rack / house capacity utilization
Increased throughput

$_____ total cost of ownership