

SkeleCore Pull-Tight™ Internal Framework System

Improves shape. Reduces sag. Keeps projects on budget.

SkeleCore Pull-Tight systems are designed to improve appearance and airflow consistency while maintaining cost efficiency.

Pull-Tight uses internal hoops with intermittent tensioning to reduce sag and stabilize the system during operation.

WHY SKELECORE PULL-TIGHT

Improved Performance vs. Basic Fabric

- Reduces sag and improves shape retention
- More consistent airflow than non-tensioned systems
- Strengthened startup stability with less movements

Balanced Appearance

- Smoother, more uniform look than standard fabric systems
- Reduced wrinkling and drooping
- Maintains a clean appearance in typical applications

Designed for Value

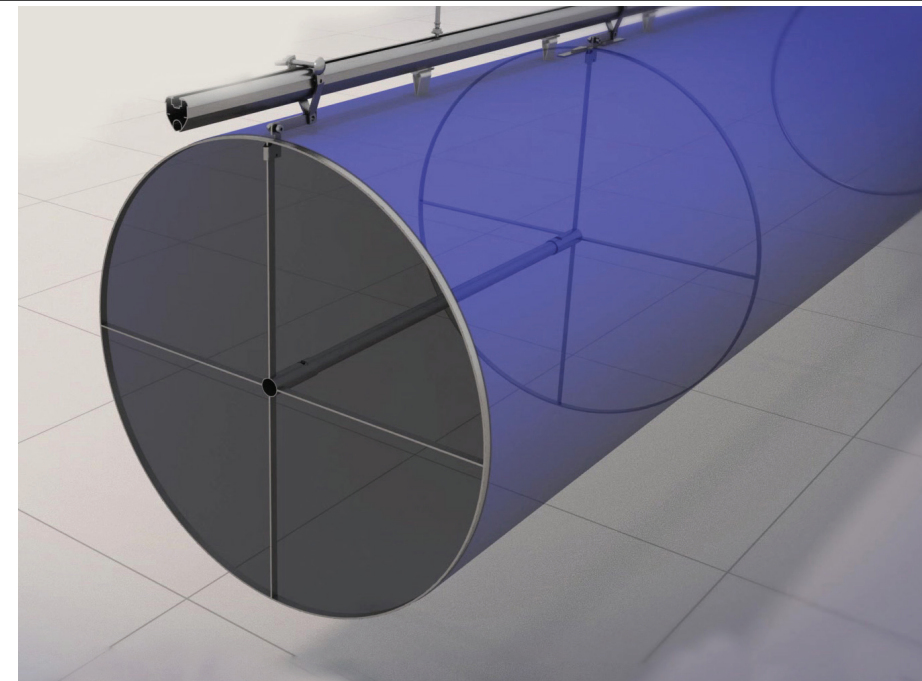
- Cost-effective tensioning solution
- Ideal for long, straight runs
- Reliable performance without over-engineering

HOW IT WORKS

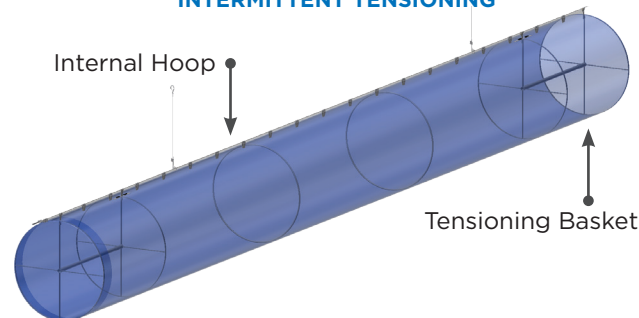
Internal Hoop with Intermittent Tensioning

Pull-Tight combines internal hoops with targeted tensioning points to improve system stability.

- Internal hoops support the fabric shape throughout the run
- Intermittent tensioning reduces sag between support points
- Fabric is attached to 1 row Track or Cable at 12 o'clock every 12in (305mm)



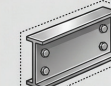
INTERMITTENT TENSIONING



IDEAL APPLICATIONS



Budget



Limited attachment points



Warehouse



Long straight duct

SPECIFICATIONS AT A GLANCE

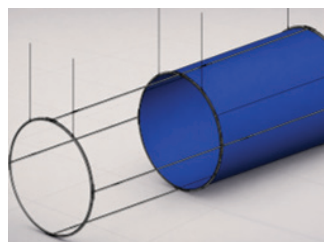
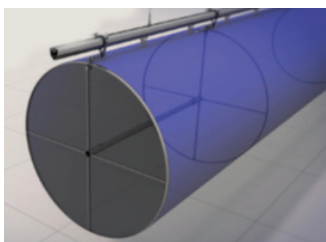
- **Diameter Range:** 8" to 60"
- **Deflation:** <1%
- **Fabric Options:** Porous and non-porous
- **Framework:** Internal hoops with intermittent tensioning
- **Suspension:** Cable or track system
- **Warranty:** Up to 15 years

ENGINEERED SUPPORT. PROVEN PERFORMANCE.
Professional design and installation support for confidence at every stage.

What is SkeleCore™?

SkeleCore is DuctSox's engineered tensioning system that adds structure to fabric duct.

Rather than relying on air pressure for shape retention, the SkeleCore™ family of products reduces or eliminates fabric deflation, improving appearance while supporting long-term system performance.



PT

SkeleCore Pull-Tight™ Simple and Straight Runs

- ✓ Entry-level tensioned system
- ✓ Best for small, simple layouts
- ✓ Improves appearance vs. basic support

FTS

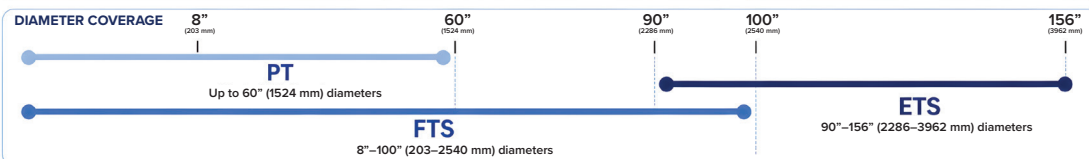
SkeleCore FTS™ Full Performance Control

- ✓ Full tensioning (length + circumference)
- ✓ Eliminates sag, noise, and movement
- ✓ Handles diameters up to 100 in (2540 mm) with confidence

ETS

SkeleCore ETS™ Built for Large-Scale Systems

- ✓ Extends fabric into ultra-large diameters
- ✓ Replaces metal in high-bay applications
- ✓ Engineered for stability and performance in oversized systems



SKELECORE™ ADVANTAGES

- Minimal to no fabric deflation
- Cleaner, more stable appearance
- Engineered for reliable performance across a wide range of applications
- Enhanced long-term durability

It Starts with the Ring

SkeleCore begins by decoupling from metal ductwork.

Traditional fabric systems can transfer tension back to the metal outlet, increasing stress on seams, hangers, and connections.

SkeleCore uses an independent ring structure to support the fabric system without relying on the metal duct for tension.

