

## SkeleCore FTS™ Internal Fabric Tensioning System

**Holds its shape. Delivers consistent airflow. Built to last.**

SkeleCore FTS has an internal framework system that keeps the duct round, tight, and performing as designed, whether air is flowing or not. .

### WHY SKELECORE FTS

#### Consistent Performance

- Holds its shape with air on or off
- Maintains even, predictable airflow
- Performs reliably in VAV and cycling systems

#### Clean, Professional Appearance

- No sagging or wrinkling
- No shifting at startup
- Looks the same in all operating conditions

#### Built for Long-Term Use

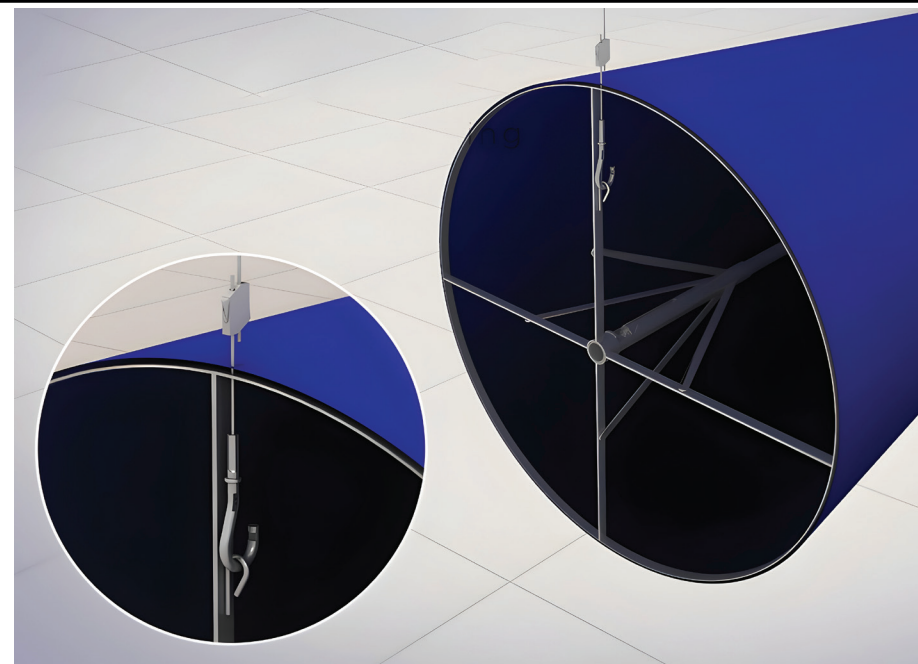
- Reduced movement helps extend system life
- Protects connections and fabric
- Up to a 20-year warranty

### HOW IT WORKS

#### Internal Framework System

A series of lightweight internal rings and supports hold the fabric in place along the entire length.

- Supports the duct every few feet to keep it round
- Direct hang cables transfer load to the building structure — not the fabric
- Adjustable tensioning keeps the system tight and uniform



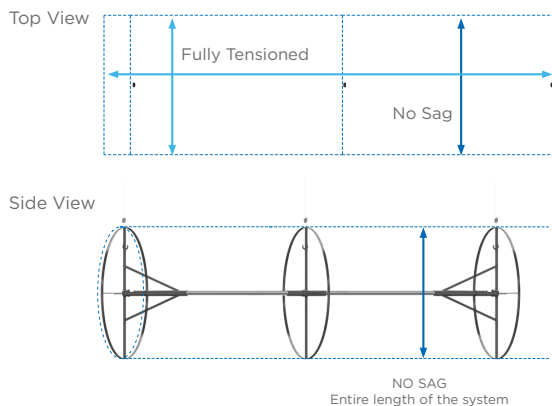
### IDEAL APPLICATIONS



### SPECIFICATIONS AT A GLANCE

- **Diameter Range:** 8" – 90"
- **Deflation:** 0%
- **Fabric Options:** Porous and non-porous
- **Framework:** Internal Tensioning Systemles
- **Suspension:** Direct hang cable system
- **Warranty:** Up to 20 years

### FULL-LENGTH, FULL-CIRCUMFERENCE TENSIONING

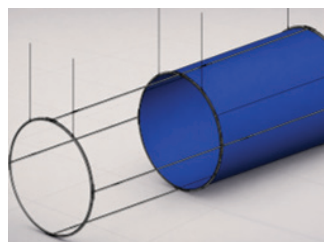
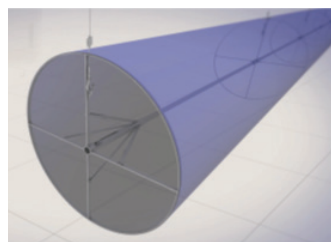
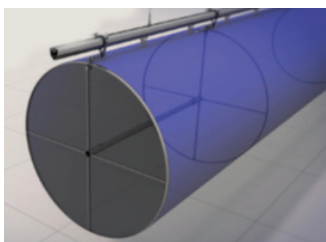


**ENGINEERED SUPPORT. PROVEN PERFORMANCE.**  
Professional design and installation support for confidence at every stage.

## 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

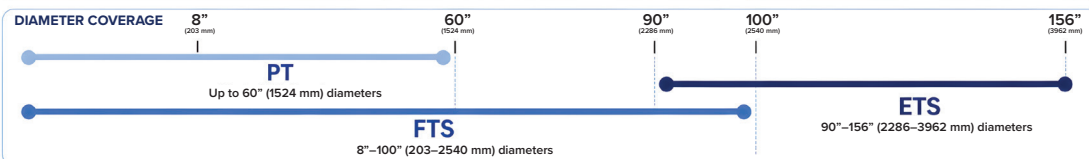
#### SkeleCore FTS™ Full Performance Control

- ✓ 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.

