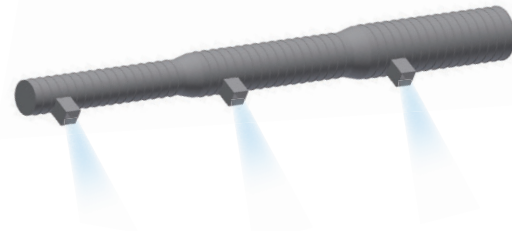


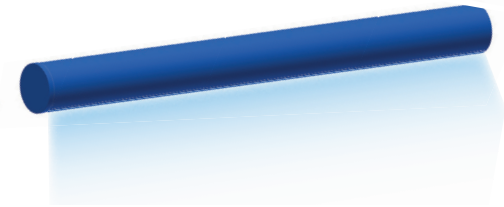
Redefining Air Dispersion: *What is Fabric Ductwork*

For decades, traditional metal units that moved air throughout a facility were commonly referred to as “ductwork.” Each system requires a variety of components such as localized registers, diffusers, grilles, ducts, and dampers to achieve proper airflow.

When fabric systems were introduced decades ago, it was referred to as “fabric ductwork” or “fabric ducting.” The reality is fabric systems provide a complete all in one air dispersion system without the need of the additional components required for metal systems. Fabric systems are customized to match the needs of each applications.



Metal vs. Fabric
Airflow



The DuctSox Advantage:

Leading the industry through innovation, quality and service

USA owned and operated with manufacturing and sales offices located throughout the world

Custom designed and manufactured products for each project with a fully staffed engineering department to assist with all phases of your design at no additional cost

Accepted within key industry organizations such as ASHRAE, Underwriters Laboratories (U.S. & Canada), International Code Council, and many building authorities throughout the world

Engineered from years of experience and manufactured from high quality materials providing durable products accompanied by a 20 year warranty

Cost competitive products available for every performance and price level

What is Fabric Tensioning?

WHY YOU WANT IT?

ELIMINATES

WRINKLES

SAG

NOISE POP



WHAT YOU WANT?

What is Fabric Tensioning?

A force that provides consistent stretch to **BOTH** the **entire length** and **circumference** of the fabric system.

What should you expect from your internal framework system?

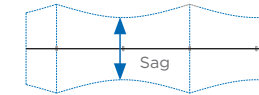
When you purchase an internal framework tensioning system you expect the system to provide a taught appearance across the entire system not just at the ends or where each tensioning ring is positioned.

NOT EXACTLY WHAT YOU EXPECTED

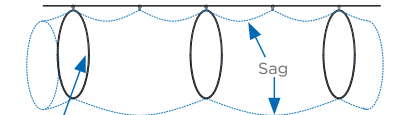
Other Non-Tensioning Systems

Internal Ring Tensioning

Top View



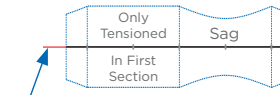
Side View



Full and Half Round Rings

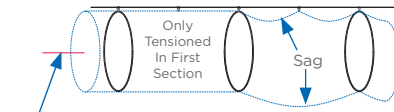
End Tensioning Only

Top View



Tension Cable at End Cap

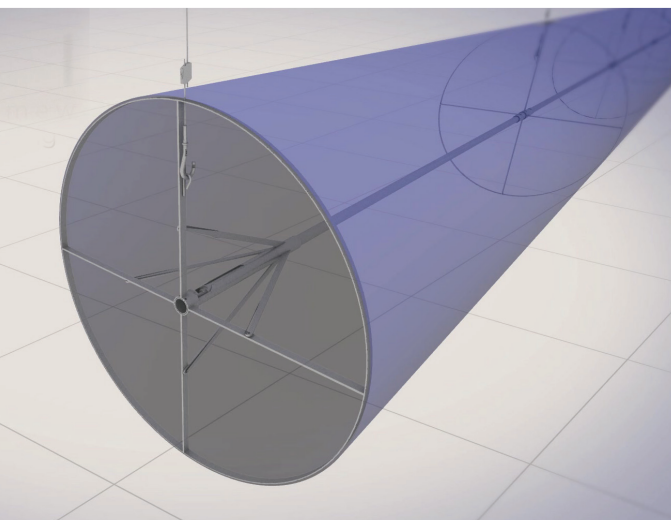
Side View



Tension Cable at End Cap

IT STARTS WITH THE CORE

SKELECORE™ INTERNAL FRAMEWORK SYSTEM



DuctSox's patented **SkeleCore** system utilizes an Internal Framework System to provide aesthetic enhancement and improved performance characteristics. There are two **SkeleCore** models to choose from, **FTS** and **Pull-Tight**.

The significant benefit of **SkeleCore FTS** is that the fabric system is tensioned **BOTH** the **entire length** and **circumference** of the fabric system!

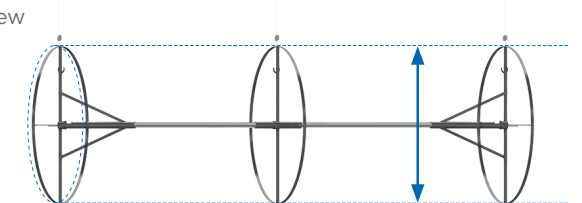
THE DUCTSOX DIFFERENCE

SkeleCore FTS

Top View

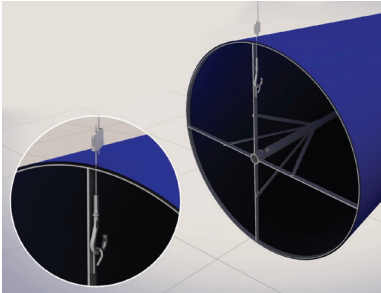
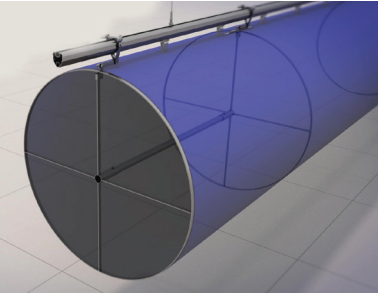
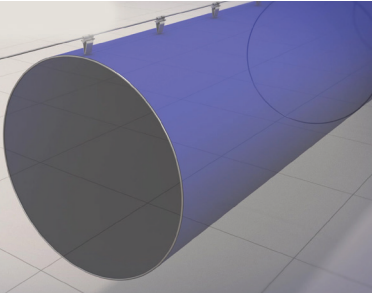


Side View



NO SAG
Entire length of the system

DuctSox Internal Framework Product Comparison

	SkeleCore™ FTS	SkeleCore™ Pull-Tight	IHS (Internal Hoop System)
			
All The Benefits Of Fabric Ducting Including: Uniform Air Dispersion Highly Efficient Lower Costs Precise Airflow Lightweight Easy Installation Condensation Free Attractive	★	★	★
Ideal for Variable Air Volume (VAV) Applications	★	★	★
Available in Porous and Non-Porous Fabrics in a Variety of Colors	★	★	★
Utilizes Internal Rings/Hoops to Help Maintain Shape and Retention	★	★	★
Eliminates Disruptive Tendencies Such as Motion and Noise Upon AHU Start-Up, Especially in Hard Start Applications	★	★	No Noise at Start Up With Minimal Fabric Motion Longer Life Expectancy Compared to Multiple Row and Horizontal Suspension Systems
Features a Unique Metal-to-Metal Direct Hang Cable Method Which is the SAFEST Suspension in Textile Ducting	★	1 Row Tension Cable or Track Suspension System	1 Row Tension Cable or Track Suspension System
Tensioning the Entire Length and Circumference of the Fabric System	★	Circumference Tensioning at Basket and Hoop Placement	Circumference Tensioning at Hoop Placement Only
Fully Tensioned Fittings	★	Tensioned Straight Sections Only	Tensioned Straight Sections Only
Maintains the Same Appearance When AHU is On or Off Improves Aesthetics by Eliminating Fabric Sag and Wrinkling	★	< 1% Deflation	< 5% Deflation
Large Range of Diameter Sizes Starting at 8" and Greater	★	Available Diameters up to 60"	Available Diameters up to 60"
Warranty	20 Years	15 Years	10 Years