

Acoustical Flexible Air



Features and Benefits

- Core material will not support mold and mildew growth.
- Fully lined for efficient air delivery.
- Large diameter, heavy, spring steel wire helix assures dimensional stability, resists mechanical abuse and provides more efficient air delivery.
- Bi-Directional reinforced metallized jacket resists tearing— reduces chance for damage to vapor barrier.
- Acoustically rated CPE core assures quiet performance.
- Uniquely constructed core will not unravel when cut.
- All components are self-extinguishing and will not support flame (see oxygen index figures under application and engineering data).
- “Outward Cast” of heavy spring steel helix keeps duct core from shrinking up inside insulation and jacket, resulting in less waste.
- CPE core material will stretch over fittings providing a “snug” fit and reducing labor costs associated with a poor fit.
- CPE core will not “blow-out” and eliminates

Applications

Thermaflex® air duct is a thermally insulated, fully lined, flexible air duct designed for use in all medium pressure cooling and heating systems. It is used in either supply or return sections: for branch ducts and branch connections to or between mixing units, induction units, control or terminal units and diffusion devices, including light troffers. Thermaflex air duct provides economical means for handling misalignment between system components and ducting around obstacles where fabricated and fitted ducts are difficult and costly to install. Thermaflex air duct is equally suitable for new jobs or refit work and is especially useful when making system extensions or for changing conditioned zones, now or in the future. Compliance with NFPA Standards lets you install lengths longer than the limitation applying to connectors. Thermaflex air duct is a highly efficient duct because the liner, in