



Vinyl-Flex is a polyvinyl chloride coated polyester woven fabric with tremendous tear resistance. Vinyl-Flex can be used on both supply and return air ducts in most HVAC applications where an economical flexible connection is required and can be used in damp locations, resisting bacterial attack. Vinyl-Flex is a replacement for canvas, which is no longer considered acceptable.

FEATURES AND BENEFITS

- Low cost
- Leak proof
- Wide temperature range
- Good abrasion resistance
- Resistant to moisture and mildew
- Used in heating and cooling applications
- Available in yellow
- Great strength and tear resistance

PRODUCT TECHNICAL DATA (FABRIC ONLY)

Basic Fabric:	Polyester Scrip
Coating:	Polyvinyl Chloride
Weight:	20 oz./yd. ² (678 g/m ²)
Thickness:	.023 inches (.58 mm)
Tensile Strength:	220 x 195 lbs. (979 x 868 N)
Burst Strength:	300 psi + (2069 kPa)
Tear Strength:	70 x 45 lbs. (312 x 200 N)
Heat Range:	-35°F + 200°F (-37°C + 112°C)
Fire Rating:	Self-extinguishing fabric. Exceeds Safety Standards for flame tests of flame resistant fabrics, ULC-S109-1969. Meets specifications for duct connector as per the National Fire Protection Association, Standard 90A and 90B. ARL Listed and tested in accordance with ANSI/UL-214 for flame propagation of fabrics and films.

SPECIFICATION/STANDARDS COMPLIANCE

Property	Method	Results
Flame Propagation of Fabrics and Films	ANSI/UL-214	Pass
Surface Burning Characteristics of Building Materials	ASTM-E84	Pass