

NEOPRENE

NEOPRENE is the choice of Specifying Engineers. It is the industry standard, retaining its flexibility and aging characteristics over a long period of time. It shows high resistance to a broad range of chemicals, acids, alkalis. (list upon request).

- *The Industry Standard for Air Handling Systems*
- *Airtight, Waterproof, Resistant to Mildew*
- *Resistant to many Acids, Oils, Alkaline, Toxic Fumes*
- *Used in High Velocity, High Pressure Systems*
- *Fabric is tested in accordance with ANSI/UL-214 for flame propagation of fabrics and films.*

RECOMMENDED USES:

NEOPRENE can be used with confidence on all High Velocity and High Pressure HVAC systems or when exposed to toxic fumes. It should not be used above 235°F.

Basic Fabric:	Fiberglass weave
Coating:	Neoprene (chloroprene)
Weight:	29 oz. / yd. ² (983 g/m ²)
Thickness:	.027 inches (686mm)
Tensile Strength:	475 x 375 lbs (2114x1669N)
Burst Strength:	750 psi + (5171 kPa)
Tear Strength:	25 x 20# (111x89N)

Heat Range: -35°F + 235°F (-37°C + 112°C)
Fire Rating: Self-extinguishing fabric. Surpasses all requirements for Duct Connectors as per National Fire Protection Association Standard 90A and 90B. Meets ULC-S109, 1969 standards of Flame Tests of Flame Resistant Fabrics. Fabric is tested in accordance with ANSI/UL-214 for flame propagation of fabrics and films.

VINYL-FLEX[™]

VINYL-FLEX[™] is a Polyvinyl Chloride coated polyester woven fabric with tremendous tear resistance.

- *Great Strength and Tear Resistance*
- *Low Cost*
- *Leakproof*
- *Wide Temperature Range*
- *Flame Resistant - Self Extinguishing ARL listed and tested in accordance with ANSI/UL-214 for flame propagation of fabrics and films.*
- *Resistant to Moisture and Mildew*
- *Good Abrasion Resistance*
- *Used in Heating and Cooling Applications*
- *Available Black or Yellow*

RECOMMENDED USES:

VINYL-FLEX[™] can be used on both warm and cool sides of heating ducts and in most HVAC applications where an economical flexible connection is required. It resists bacterial attack and has good resistance to sunlight, ultra-violet rays, and ozone. It can be used in damp locations. **VINYL-FLEX[™]** is a replacement for canvas which is no longer considered acceptable.

Basic Fabric:	Polyester Scrim
Coating:	Polyvinyl Chloride
Weight:	20 oz. / yd. ² (678 g/m ²)
Thickness:	.023 inches (.58mm)
Tensile Strength:	220 x 195# (979x868N)
Burst Strength:	300 psi+ (2069kPa)
Tear Strength:	70 x 45# (312x200N)

Heat Range: -35°F + 200°F (-37°C + 95°C)
Fire Rating: Self-extinguishing. 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.

