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Properties are representative and subject to change without notice. Consult local building codes for application suitability. (Hst-2A.)

Flexible White Vinyl Hose - 200 series and packaged kits:

Description: Flexible Vinyl Duct

Construction: Pigmented PVC film/Hard Drawn Steel Wire Helix

Diameters: 3", 4"

Gauge: 42-.0035" Average

Maximum Positive Pressure: 4" W.C.

Maximum Negative Pressure: 2" W.C.

Maximum Velocity: 4000 fpm

Temperature Range: 0 degrees F to +160 degrees F. Continuous use

Maximum Operating Temperature: 210 Degrees F. Short Term

Low Temperature Index: 0 Degree F. - ASTM-D1593

Brittleness Temperature: 0 Degrees F. - ASTM-D1790

Flame Spread Index: 36

Smoke Developed Index: 130

Film Tensile Strength (Average): 2700/2200 P.S.I. - ASTM-D882

Flame Retardancy: Self-Extinguishing - ASTM-D1433 - NFPA 701

No U.L. listing(s) available - Check local codes before using

Application: low temperature exhausting of highly humid or moisture-laden air.

Excellent for bathroom venting, etc. Comply with exhaust fan manufacturer's instructions.

500 Series Flexible Laminate Tubing

Description: U.L. Listed Air Connector, U.L. 181, Class I

Construction: Metalized Polyester/Polyester Laminate-galvanized hard drawn spring wire helix

Diameters: 3", 4", 5", 6", 7", 8", 9", 10"

Gauge: 48/48

Maximum Positive Pressure: 6" W.C.

Maximum Negative Pressure: 2" W.C.

Maximum Velocity: 4000 fpm

Temperature Range: minus 55 degrees F. to +250 degrees F. - Continuous use

Maximum Operating Temperature: 250 Degrees F.

Flame Spread Index: Less than 25 - U.L. 723

Smoke Developed Index: Less than 50 - U.L. 723

Film Tensile Strength (Average): > 15000 P.S.I. - ASTM-D882

Applications: HVAC

Meets requirements of NFPA 90A, 90B, when installed in accordance with such.

Limitations: Per NFPA 90A, 90B

600 Series Flexible Laminate Tubing

Description: U.L. Listed Air Connector, U.L. 181, Class I

Construction: Aluminum Polyester/Metalized Polyester Laminate

Diameters - 3", 4", 5", 6", 7", 8", 9", 10"

Gauge: 1mill/48

Maximum Positive Pressure - 6" W.C.

Maximum Negative Pressure - 2" W.C.

Maximum Velocity - 4000 fpm

Temperature Range - 55 degrees F. to +250 degrees F. - Continuous use

Maximum Operating Temperature: 250 Degrees F.

Flame Spread Index: Less tht 25 - U.L. 723

Smoke Developed Index: Less than 50 - U.L. 723

Film Tensile Strength (Average): / 13500 P.S.I. - ASTM-D882

Applications: HVAC

Meets requirements of NFPA 90A, 90B, when installed in accordance with such.

Flexible Aluminum Duct: 300 Series

Description: Flexible All metal duct

Construction: 100% Aluminum

Diameters - 3", 4", 5", 6", 7", 8", 10"

Maximum Positive Pressure: 6" W.C.

Maximum Negative Pressure: 1" W.C.

Maximum Velocity: 5000 fpm

Temperature Range: minus 320 degrees F. to +400 degrees F. Continuous use

Maximum Operating Temperature: 400 Degrees F.

Flame Spread Index: 0 - Per U.L. 723

Smoke Developed Index: 0 - Per U.L. 723

Film Tensile Strength (Average): 16000/6000 P.S.I.

Flame Retardancy: as with pure aluminum films/materials

Note: No actual U.L. listing available, U.L. 560, standard for Electric Home

Laundry Equipment and most dryer manufacturers installation instructions allow for or approve of the use of solid metal or solid metal flexible ducts for dryer exhausts.

Applications: Clothes dryer exhaust, bathroom fan exhaust, misc. long life venting applications.

Extremely flexible, suitable for permanent installations.

Limitations: not recommended for continuous flexing. Use care not to damage duct.

Flexible Laminate Duct: #495,498 (400 Series)

Description: Flexible U.L. listed Clothes Dryer Transition Duct, 6P53, E165801

Construction: Aluminum Polyester/Aluminum Polyester laminate, galvanized hard drawn spring wire helix

Diameter: 4"

Maximum Positive Pressure: 4" W.C.

Maximum Negative Pressure: 1/2" W.C.

Temperature Range: minus 55 degrees F. to +300 degrees F.

Maximum Operating Temperature: 250 Degrees F., similar product, recommendation NFPA90A

Flame Spread Index: Less than 25 - U.L. 723

Smoke Developed Index: Less than 50 - U.L. 723

Film Tensile Strength (Average):>13500 P.S.I. - ASTM-D882

Applications: Dryer Venting Only - Per U.L. and supplied installation/safety instructions

Limitations: 8' maximum installed length - from wall to dryer only. Not acceptable for use through wall or ceilings. First U.L. listed Aluminum Polyester laminate flexible air duct for use with clothes dryers.

2500 Series Flexible Insulated Duct

Description: U.L. Listed Insulated Air Duct, U.L. 181, Class I Air Duct

Conforms to U.L. Thermal Adjunct Certification Program

Construction: Polyester/Polyester Laminate Core, Fiber glass Insulation,

Polyethylene Vapor Barrier, Galvanized Hard Drawn Spring Wire Helix

Diameters - 4", 5", 6", 7", 8", 9", 10", 12"

Maximum Positive Pressure: 10" W.C.

Maximum Negative Pressure: 1/2" W.C.

Maximum Velocity: 5000 fpm

Temperature Range: minus 55 degrees F. to +250 degrees F.

Maximum Operating Temperature: 250 Degrees F. (per U.L. 181, NFPA 90A/90B)

Flame Spread Index: Less than 25 - U.L. 723

Smoke Developed Index: Less than 50 - U.L. 723

Film Tensile Strength (Core) (Average):> 13500 P.S.I. - ASTM-D882

Thermal performance: R-value: 4.2 per U.L. Thermal adjunct certification program

Applications: HVAC, Low condensation applications

Meets requirements of NFPA 90A, 90B, when installed in accordance with such.



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