

Type 3 High Pressure Flexible Duct



TYPE 3 **High Pressure Flexible Duct**

*	CODE		DESCRIPTION
A	3	1	HIGH PRESSURE, UNINSULATED
B	3	2	HIGH PRESSURE, INSULATED WITH PVC OUTER JACKET
C	3	3	HIGH PRESSURE, INSULATED WITH METALIZED OUTER JACKET

Type 3 Uninsulated

**HIGH PRESSURE FLEXIBLE DUCT, WITHOUT INSULATION
AVAILABLE SIZES AS SHOWN BELOW
SUPPLIED IN STANDARD 24.0 METRE PER BAG.**

6mm Wide, 30 Ga. Galvanized Helix

Fabric is a trilaminate of Aluminum foil, fiberglass and Alumunized Polyester

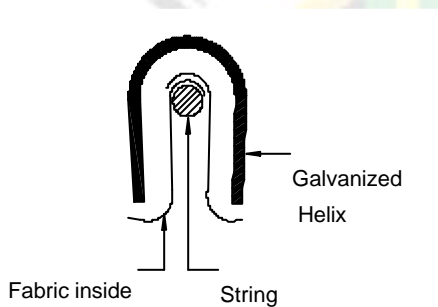


SPECIFICATION:

ATAI Type 3 Code 1 is a fabric flexible duct having the supporting metal helix on the outside. This unique construction gives the product the strength, durability and scuff resistance of regular sheet metal ductwork while retaining the flexibility of a fabric duct.

ATAI Type 3 is constructed of a coated fiberglass fabric mechanically interlocked by corrosion resistant galvanized spiral helix on the outside of the fabric. The duct meets the requirements of UL 181 Class 1 and BS 476.

MECHANICAL LOCK CONSTRUCTION:



**MECHANICAL LOCK
CONSTRUCTION.**

FABRIC

A trilaminate of aluminum foil, fiberglass and aluminized polyested permanent rating .02.

HELIX

6mm Wide , 30 ga. galvanized spiral, mechanically locked to the farfabric 1-1/2" spacing between helix.

DIAMETERS

4,5,6,7,8,9,10,12,14,16,18 and 20 inches

STANDARD LENGTH

24.0 metres per bag.

Material complies with: NFPA Standards 90A and 90B, UL181 Class 1 Airduct
Pressure Rating - 12" WG. Temperature Range - 20 F. degree + 250 F. degree

Type 3 Insulated PVC

**HIGH PRESSURE FLEXIBLE DUCT, INSULATED AND WITH PVC JACKET
DUCT DIA 4" TO 20" AIR DUCT MATERIAL 12" WG. TO BE SUPPLIED Std. 4" to
12" / 6 mtr. and 14" to 20" / 4 mtr.**

**FIRE RETARDANT POLYETHYLENE
OUTER JACKET**

**FABRIC IS A TRILAMINATE of
Aluminum foil, Fiberglass and
Aluminized Polyester**

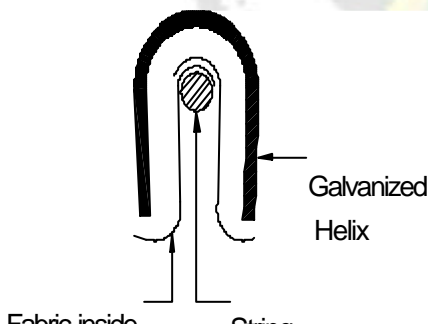
FIBERGLASS INSULATION



SPECIFICATION:

ATAI Type 3 Code 2 is a fabric flexible duct having the supporting metal helix on the outside. This unique construction gives the product the strength, durability and scuff resistance of regular sheet metal ductwork while retaining the flexibility of a fabric flexible duct.

ATAI Type 3 is constructed of a coated fiberglass fabric mechanically interlocked by a corrosion resistant galvanized spiral helix on the outside of the fabric. The duct meets the requirements of UL specification 181 Class 1 air duct and BS 476.



Meets the requirement of UL 181 class 1 Air Duct Material complies with NFPA standards 90A and 90B. HUD/FHA Min. Property Standard

FABRIC

A trilaminate of aluminum foil, fiberglass and aluminized polyested permanent rating .02.

HELIX

6mm Wide , 30 ga. galvanized spiral, mechanically locked to the fabric 1-1/2" spacing between helix.

INSULATION

Fiberglass. C factor - not more than 23. complies with HUD/FHA minimum, property standard

OUTER JACKET

Pert. rating = 1 grains per square foot, per hour, per inch of mercury (test method ASTM E96-66, procedure A)

Fire retardant polyethylene material. Produces no Toxic gases upon combustion. Excellent strength at low temperatures passes ASTM D1790 at 40F. degree (Masland test). Will not age harden at temperatures below 160 Deg. Fahrenheit. Color-gray , Thickness = 003"

DIAMETER

4,5,6,7,8,9,10,12,14,16,18 and 20.

Type 3 Insulated MJ

HIGH PRESSURE FLEXIBLE DUCT, INSULATED AND WITH PVC ACKET

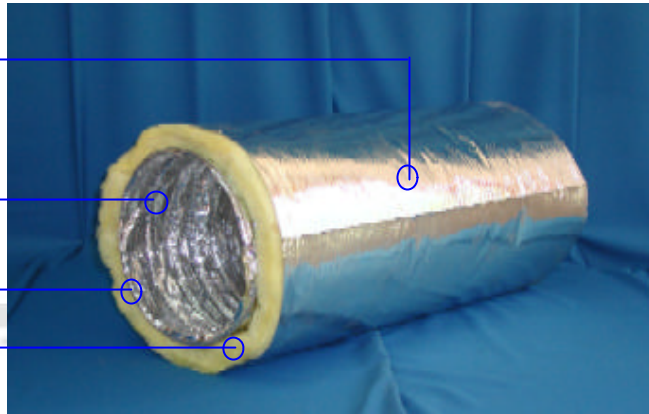
DUCT Dia 4" to 20" AIR DUCT MATERIAL 12" WG. TO BE SUPPLIED Std. 4" to 12" / 6 mtr. and 14" to 20" / 4 mtr.

Reinforced Metalized Outer Jacket

FABRIC is a trilaminate of aluminum foil, fiberglass and aluminized polyester

6mm WIDE 30 ga. Galvanized Helix

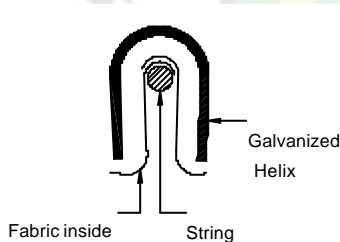
Thick Fiberglass Insulation



SPECIFICATION:

ATAI Type 3 Code 3 is a fabric flexible duct having the supporting metal helix on the outside. This unique construction gives the product the strength, durability and scuff resistance of regular sheet metal ductwork while retaining the flexibility of a fabric flexible duct.

ATAI Type 3 is constructed of a coated fiberglass fabric mechanically interlocked by corrosion resistant galvanized spiral helix on the outside of the fabric. The duct meets the requirements of UL 181 Class 1 Air Duct.



MECHANICAL LOCK
CONSTRUCTION.

FIRE HAZARD CLASSIFICATION

(based on 100 for untreated oak)

	Coated Side Exposed	Film Exposed
FLAMESPREAD	15	20
FUEL CONTRIBUTED	0	0
SMOKE DEVELOPED	10	25

FABRIC

A trilaminate of aluminum foil, fiberglass and aluminized polyester permanent rating .02.

HELIX

6mm Wide, 30 ga. galvanized spiral, mechanically locked to the fabric 1-1/2" spacing between helix.

INSULATION

Fiberglass. C factor - not more than 23. complies with HUD/FHA minimum, property standard

OUTER JACKET

Pert. rating = 1 grains per square foot, per hour, per inch of mercury (test method ASTM E96-66, procedure A)

Fire retardant polyethylene material. Produces no Toxic gases upon combustion. Excellent strength at low temperatures passes ASTM D1790 at 40F. degree (Masland test). Will not age harden at temperatures below 160 Deg. Fahrenheit. Color aluminum

DIAMETER

4,5,6,7,8,9,10,12,14,16,18 and 20.