

# About US



Guangzhou Yida Composite Material Corp. Ltd (was HYD) was established in 2005, in Southern China. We are engaged in manufacturing industry of HVAC. With our expertise in producing high temperature and fireproof products, our main categories are:

- Flexible duct hoses
- PVC dental hose
- Coating fabrics
- Flexible duct connector
- Metal parts and accessories

Over **18 years** of experience  
in industry of HVAC

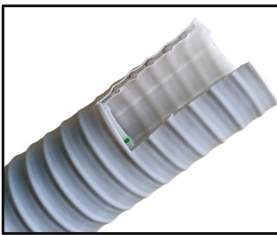
**Leading professional  
manufacturer of heat  
resistant duct hose in  
China**



Guangzhou Yida Composite Material CO.,LTD

Tel:86 18680031730 E-mail: nina@yeedah.com Web: [www.siliconcoatedfabric.com](http://www.siliconcoatedfabric.com)

# Flexible ducting hose



PVC suction hose



Silicone duct hose



Neoprene duct hose



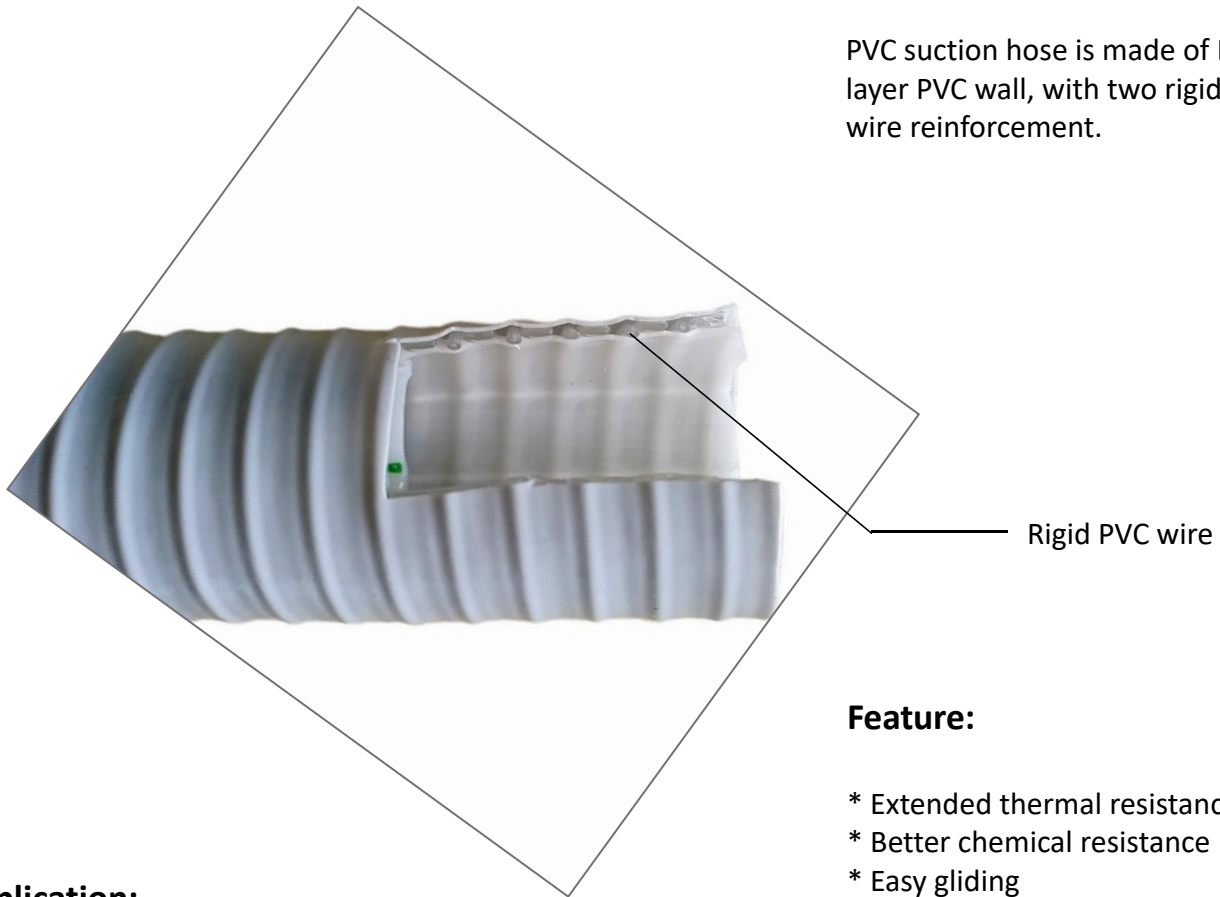
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# PVC Suction hose

PVC suction hose is made of Double layer PVC wall, with two rigid PVC wire reinforcement.



Rigid PVC wire

## Feature:

- \* Extended thermal resistance
- \* Better chemical resistance
- \* Easy gliding

## Application:

- \* For dental or medical equipment
- \* Cable protection of X-ray machines
- \* Beauty facilities
- \* Other Special medical equipment.

ID (mm)	OD(mm)	Weight(g/m)	vacuum pressure (mbar)	Length (m/roll)
10	14	80	290	10
13	17	90	280	10
15	19	100	270	10
17	21	130	250	10
20	24	140	230	10
22	26	160	210	10
25	29	190	200	10



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## DOUBLE LAYER SILICONE DUCT HOSE - 4M LENGTH

Material: 2 plys silicone coated fiberglass fabric.

Reinforcement: spring steel wire and Glass cord on the outside surface.

Work temp: -70 °C approx. to +270 °C approx.

### Description:

Double layer Silicone Duct Hose is made of two layers silicone coated glass fiber fabric. It is a kind of High temperature duct, flame retardant, chemical resistance, stand for very high temperature. It is also used in different industry.

### Applications:

- For granulate/ plastic dryer, hot air dryer machine in plastic industry.
- For blowing machine, deliver hot or cool air.
- As component for different machines which produce hot or cool air.
- Widely used for vehicle engines like auto, air-craft, trucks, even military tank.



- Soft cuffs on the one or two ends are available

- Customized size are available ( Less than 4m)

**Pass REACH TEST**

### TECHNICAL DATA

ITEM NO.	ID (mm)	OD (mm)	LENGT H(m)	OVER PRESSUR E (bar)	OVER PRESSUR E (bar)	BENDING RADIUS (mm)	WEIGHT (kg/4m)
SH2-0016-R/B	16	19	4	3.000	0.740	12	0.44
SH2-0019-R/B	19	22	4	3.000	0.730	13	0.50
SH2-0022-R/B	22	25	4	3.000	0.720	14	0.53
SH2-0025-R/B	25	28	4	2.800	0.710	18	0.60
SH2-0032-R/B	32	35	4	2.700	0.650	20	0.65
SH2-0038-R/B	38	41	4	2.600	0.600	24	0.76
SH2-0040-R/B	40	43	4	2.600	0.600	26	0.80
SH2-0042-R/B	42	45	4	2.600	0.590	26	0.85
SH2-0044-R/B	44	48	4	2.600	0.580	27	0.95
SH2-0045-R/B	45	49	4	2.600	0.580	27	1.00
SH2-0051-R/B	51	55	4	2.600	0.520	31	1.10
SH2-0057-R/B	57	61	4	2.500	0.480	34	1.26
SH2-0060-R/B	60	64	4	2.500	0.480	34	1.32
SH2-0063-R/B	63	67	4	2.400	0.460	37	1.40
SH2-0070-R/B	70	75	4	2.100	0.440	40	1.50
SH2-0076-R/B	76	81	4	2.100	0.430	43	1.60
SH2-0080-R/B	80	85	4	2.100	0.420	45	1.65
SH2-0083-R/B	83	88	4	2.100	0.410	47	1.72
SH2-0090-R/B	90	94	4	2.000	0.400	50	1.80
SH2-0102-R/B	102	107	4	1.900	0.350	56	1.98
SH2-0108-R/B	108	113	4	1.800	0.330	60	2.10
SH2-0110-R/B	110	115	4	1.800	0.330	60	2.20
SH2-0115-R/B	115	120	4	1.500	0.300	63	2.44
SH2-0127-R/B	127	133	4	1.500	0.230	70	2.56
SH2-0141-R/B	141	147	4	1.300	0.200	76	2.70
SH2-0150-R/B	150	156	4	1.200	0.170	82	3.00
SH2-0152-R/B	152	158	4	1.200	0.170	82	3.06
SH2-0159-R/B	159	165	4	1.100	0.160	86	3.20
SH2-0164-R/B	164	170	4	1.100	0.140	89	3.40
SH2-0169-R/B	169	176	4	1.100	0.140	89	3.60
SH2-0180-R/B	180	187	4	1.000	0.120	95	3.90
SH2-0203-R/B	203	210	4	0.700	0.090	108	4.48
SH2-0254-R/B	254	261	4	0.500	0.070	133	5.58
SH2-0306-R/B	306	313	4	0.500	0.070	159	7.00

"R" - RED COLOR; "B" - BLACK COLOR.



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## SINGLE LAYER SILICONE DUCT HOSE - 4M LENGTH

Material: 1 Ply silicone coated fiberglass fabric.

Reinforcement: spring steel wire and Glass cord on the outside surface.

Work temp: -70 °C approx. to +270 °C approx.



### Description:

Single layer Silicone Duct Hose is made of one layer silicone coated glass fiber fabric. It is a kind of High temperature duct, flame retardant, chemical resistance, stand for very high temperature. It is also used in different industry.

### Applications:

- For granulate/ plastic dryer, hot air dryer machine in plastic industry.
- For blowing machine, deliver hot or cool air.
- As component for different machines which produce hot or cool air.
- Widely used for vehicle engines like auto, air-craft, trucks, even military tank.



- Soft cuffs on the one or two ends are available

- Customized size are available ( Less than 4m)

### TECHNICAL DATA

ITEM NO.	ID (mm)	OD (mm)	LENGTH (m)	OVER PRESSURE (bar)	NEGATIVE PRESSURE (bar)	BENDING RADIUS (mm)	WEIGHT (kg/4m)
SH1-0016-R/B	16	19	4	1.800	0.580	12	0.44
SH1-0019-R/B	19	22	4	1.800	0.580	13	0.50
SH1-0022-R/B	22	25	4	1.800	0.580	14	0.53
SH1-0025-R/B	25	28	4	1.500	0.580	18	0.62
SH1-0032-R/B	32	35	4	1.500	0.580	20	0.76
SH1-0038-R/B	38	41	4	1.500	0.580	24	0.86
SH1-0040-R/B	40	43	4	1.500	0.570	26	0.80
SH1-0042-R/B	42	45	4	1.500	0.570	26	0.85
SH1-0044-R/B	44	47	4	1.500	0.560	27	0.95
SH1-0045-R/B	45	48	4	1.500	0.500	27	1.00
SH1-0051-R/B	51	54	4	1.500	0.500	31	1.10
SH1-0057-R/B	57	60	4	1.300	0.500	34	1.26
SH1-0060-R/B	60	63.5	4	1.300	0.500	34	1.32
SH1-0063-R/B	63	66.5	4	1.300	0.500	37	1.40
SH1-0070-R/B	70	73.5	4	1.200	0.500	40	1.50
SH1-0076-R/B	76	79.5	4	1.100	0.390	43	1.80
SH1-0080-R/B	80	83.5	4	1.100	0.390	45	1.90
SH1-0083-R/B	83	86.5	4	1.100	0.390	47	2.00
SH1-0090-R/B	90	92.5	4	1.100	0.380	50	2.20
SH1-0102-R/B	102	106	4	1.100	0.380	56	2.50
SH1-0108-R/B	108	112	4	1.000	0.300	60	2.80
SH1-0110-R/B	110	114	4	1.000	0.300	60	3.00
SH1-0115-R/B	115	119	4	1.000	0.300	63	3.20
SH1-0127-R/B	127	131	4	0.900	0.290	70	3.50
SH1-0141-R/B	141	145.5	4	0.900	0.210	76	3.80
SH1-0150-R/B	150	154.5	4	0.800	0.180	82	4.00
SH1-0152-R/B	152	156.5	4	0.800	0.180	82	4.30
SH1-0159-R/B	159	163.5	4	0.700	0.160	86	4.46
SH1-0164-R/B	164	168.5	4	0.700	0.160	89	4.70
SH1-0169-R/B	169	174	4	0.700	0.160	89	5.00
SH1-0180-R/B	180	185	4	0.600	0.140	95	5.20
SH1-0203-R/B	203	208	4	0.600	0.140	108	5.92
SH1-0254-R/B	254	259	4	0.400	0.100	133	6.50
SH1-0306-R/B	306	311	4	0.100	0.070	159	8.00

"R" - RED COLOR; "B" - BLACK COLOR.



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## DOUBLE LAYER NEOPRENE DUCT HOSE - 4M LENGTH

Material: 2 plys neoprene coated fiberglass fabric.  
Reinforcement: spring steel wire and Glass cord on the outside surface.  
Work temp: -50 °C approx. to +130 °C approx.



### Description:

Double layer Neoprene Duct Hose is made of 2 layers neoprene coated glass fiber fabric, stainless spring steel is hidden between the 2 layers of fabric. Glass fiber cord spiral on the outer surface. Applicable for high temperature and low pressure.

### Applications:

- For granulate/ plastic dryer, hot air dryer machine in plastic industry.
- For blowing machine, deliver hot or cool air.
- As component for different machines which produce hot or cool air.
- Widely used for vehicle engines like auto, air-craft, trucks, even military tank.



• Soft cuffs on the one or two ends are available

• Customized size are available ( Less than 4m)

**Pass REACH TEST**

### TECHNICAL DATA

ITEM NO.	ID (mm)	OD (mm)	LENGTH(m)	OVER PRESSURE (bar)	OVER PRESSURE (bar)	BENDING RADIUS (mm)	WEIGHT (kg/4m)
NH2-0016-B	16	19	4	3.000	0.740	12	0.44
NH2-0019-B	19	22	4	3.000	0.730	13	0.50
NH2-0022-B	22	25	4	3.000	0.720	14	0.53
NH2-0025-B	25	28	4	2.800	0.710	18	0.60
NH2-0032-B	32	35	4	2.700	0.650	20	0.65
NH2-0038-B	38	41	4	2.600	0.600	24	0.76
NH2-0040-B	40	43	4	2.600	0.600	26	0.80
NH2-0042-B	42	45	4	2.600	0.590	26	0.85
NH2-0044-B	44	48	4	2.600	0.580	27	0.95
NH2-0045-B	45	49	4	2.600	0.580	27	1.00
NH2-0051-B	51	55	4	2.600	0.520	31	1.10
NH2-0057-B	57	61	4	2.500	0.480	34	1.26
NH2-0060-B	60	64	4	2.500	0.480	34	1.32
NH2-0063-B	63	67	4	2.400	0.460	37	1.40
NH2-0070-B	70	76	4	2.100	0.440	40	1.50
NH2-0076-B	76	81	4	2.100	0.430	43	1.60
NH2-0080-B	80	85	4	2.100	0.420	45	1.65
NH2-0083-B	83	88	4	2.100	0.410	47	1.72
NH2-0090-B	90	94	4	2.000	0.400	50	1.80
NH2-0102-B	102	107	4	1.900	0.350	56	1.98
NH2-0108-B	108	113	4	1.800	0.330	60	2.10
NH2-0110-B	110	115	4	1.800	0.330	60	2.20
NH2-0115-B	115	120	4	1.500	0.300	63	2.44
NH2-0127-B	127	133	4	1.500	0.230	70	2.56
NH2-0141-B	141	147	4	1.300	0.200	76	2.70
NH2-0150-B	150	156	4	1.200	0.170	82	3.00
NH2-0152-B	152	158	4	1.200	0.170	82	3.06
NH2-0159-B	159	165	4	1.100	0.160	86	3.20
NH2-0164-B	164	170	4	1.100	0.140	89	3.40
NH2-0169-B	169	176	4	1.100	0.140	89	3.60
NH2-0180-B	180	187	4	1.000	0.120	95	3.90
NH2-0203-B	203	210	4	0.700	0.090	108	4.48
NH2-0254-B	254	261	4	0.500	0.070	133	5.58
NH2-0306-B	306	313	4	0.500	0.070	159	7.00



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## SINGLE LAYER NEOPRENE DUCT HOSE - 4M LENGTH

Material: 1 ply neoprene coated fiberglass fabric.

Reinforcement: spring steel wire and Glass cord on the outside surface.

Work temp: -50 °C approx. to +130 °C approx.

### Description:

Single layer Neoprene Duct Hose is made of one layer neoprene coated glass fiber fabric. It is a kind of High temperature duct, flame retardant, chemical resistance, stand for very high temperature. It is also used in different industry.

### Applications:

- For granulate/ plastic dryer, hot air dryer machine in plastic industry.
- For blowing machine, deliver hot or cool air.
- As component for different machines which produce hot or cool air.
- Widely used for vehicle engines like auto, air-craft, trucks, even military tank.



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TECHNICAL DATA							
ITEM NO.	ID (mm)	OD (mm)	LENGTH (m)	OVER PRESSURE (bar)	NEGATIVE PRESSURE (bar)	BENDING RADIUS (mm)	WEIGHT (kg/4m)
NH1-0016-B	16	19	4	3.000	0.740	12	0.38
NH1-0019-B	19	22	4	3.000	0.730	13	0.40
NH1-0022-B	22	25	4	3.000	0.720	14	0.50
NH1-0025-B	25	28	4	2.800	0.710	18	0.52
NH1-0032-B	32	35	4	2.700	0.650	20	0.60
NH1-0038-B	38	41	4	2.600	0.600	24	0.76
NH1-0040-B	40	43	4	2.600	0.600	26	0.80
NH1-0042-B	42	45	4	2.600	0.590	26	0.85
NH1-0044-B	44	48	4	2.600	0.580	27	0.95
NH1-0045-B	45	49	4	2.600	0.580	27	1.00
NH1-0051-B	51	55	4	2.600	0.520	31	1.10
NH1-0057-B	57	61	4	2.500	0.480	34	1.26
NH1-0060-B	60	64	4	2.500	0.480	34	1.32
NH1-0063-B	63	67	4	2.400	0.460	37	1.40
NH1-0070-B	70	76	4	2.100	0.440	40	1.50
NH1-0076-B	76	81	4	2.100	0.430	43	1.60
NH1-0080-B	80	85	4	2.100	0.420	45	1.65
NH1-0083-B	83	88	4	2.100	0.410	47	1.72
NH1-0090-B	90	94	4	2.000	0.400	50	2.58
NH1-0102-B	102	107	4	1.900	0.350	56	3.20
NH1-0108-B	108	113	4	1.800	0.330	60	2.10
NH1-0110-B	110	115	4	1.800	0.330	60	2.20
NH1-0115-B	115	120	4	1.500	0.300	63	3.00
NH1-0127-B	127	133	4	1.500	0.230	70	3.16
NH1-0141-B	141	147	4	1.300	0.200	76	2.70
NH1-0150-B	150	156	4	1.200	0.170	82	3.00
NH1-0152-B	152	158	4	1.200	0.170	82	3.80
NH1-0159-B	159	165	4	1.100	0.160	86	3.20
NH1-0164-B	164	170	4	1.100	0.140	89	3.40
NH1-0169-B	169	176	4	1.100	0.140	89	3.60
NH1-0180-B	180	187	4	1.000	0.120	95	3.90
NH1-0203-B	203	210	4	0.700	0.090	108	5.04
NH1-0254-B	254	261	4	0.500	0.070	133	6.00
NH1-0306-B	306	313	4	0.500	0.070	159	7.50



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# Silicone Coated Fiberglass Fabric

## Description:

Silicone coated fiberglass fabric is a kind of high performance and multifunction composite materials, it's widely used in Aerospace, Chemical, Petroleum, Large Power Generation Equipment, Machinery, Metallurgy, Electrical Insulation, Building, Transportation and other fields.

### Feature

- \* Excellent heat and cold resistance
- \* Good aging resistance
- \* High strength
- \* Chemical acid and alkali resistant

### Temperature Range

- \* -70 °C approx. to +270 °C approx.
- \* short time to +300 °C approx.

**Color:** Red/Grey/pink

Customized is available

### Application

- \* Heat/electrical insulation jacket;
- \* Laminated mat;
- \* Flexible duct connector;
- \* Flexible duct
- \* Non-metal compensator or Fabric expansion joints
- \* Fireproof curtain & blanket
- \* Welding blanket
- \* Construction electrical protection cover
- \* Other fire-control systems



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Available size:0.25mm~7.0mm



**TECHNICAL DATA**

Total thick (mm)	Toal Weight for finished fabric (g/m2)	Basic fabric thick (mm)	Basic fabric model no.	Weight for basic fabric (g/m2)	Coating thick (mm)	Coating weight (g/m2)	Width (m)	Length /roll (m)	Weig ht/ roll (kgs)	OD/ roll (cm)	manufacturing process
0.25	320	0.18	7628	200.00	0.04	120.00	1.27	100	40.6	20	coating
0.30	400	0.28	280	280.00	0.05	120.00	1.00	100	40	20	
0.45	600	0.40	3732	430.00	0.05	170.00	1.20	50	36	19.5	
0.60	970	0.40	3732	430.00	0.20	540.00	1.20	50	58	22.5	1 side coating, 1 side calendering
0.80	1040	0.80	3784	840.00	0.05	200.00	1.00	50	52	26.5	2 sides coating
1.00	1500	0.80	3784	840.00	0.20	660.00	1.00	50	75.0	28.0	1 side coating, 1 side calendering
1.00	1700	0.70	666	660.00	0.30	1040.00	1.00	50	85.0	28.0	2 sides calendering
1.20	1900	0.80	3784	840.00	0.40	1060.00	1.00	50	95.0	30.0	2 sides calendering
1.20	1780	1.00	with wire inside	1080.00	0.20	700.00	1.25	30	68	22.5	1 side calendering
1.30	2280	1.00		1080.00	0.30	1200.00	1.25	30	85	24.5	2 sides calendering
1.50	2400	0.80	3784	840.00	0.70	1560.00	1.00	50	120	37.5	2 sides calendering
2.00	3140	0.80	3784	840.00	1.20	2300.00	1.00	25	79	25	2 sides calendering
2.50	3240	0.80	3784	840.00	1.70	2400.00	1.00	25	81	30	2 sides calendering
3.00	4720	1.50	3788	1600.00	1.50	3120.00	1.00	25	118	32	2 sides calendering
3.20	4130	0.40	666	666	2.20	3700.00	1.00	25	114	32.5	2 sides calendering



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# Silicone coated kevlar fabric



Silicone coated Kevlar fabric is made of aramid fiber filament or nomex yarn with silicone rubber coated on both sides.

This fabric combines flexibility with great abrasion and cut resistance. Has low specific gravity, stable dimension, high tensile strength, high temperature and chemical resistance features, widely used in aircraft, concrete project, protecting garments, bulletproof sheet, sports equipments and car parts, etc.

Temperature range:-70 ~ +270 celsius degree  
Width: 1m  
Thickness: 0.35~4mm

## Feature:

1. Soft, flexibility, tear resistance
2. Chemical resistance
3. Non conductive
4. Heat-resistant
5. Low flammability
6. Chemical resistance
7. Light weight



## Applications

1. Building protection
2. Flexible duct.
3. Aircraft covered Bridges
4. Train windshield
5. Fabric expansion joint
6. Others special protection material



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# Neoprene coated fiberglass fabric

Neoprene coated fiberglass fabric is a kind of high performance and multifunction composite material, it's widely used in Aerospace, Chemical, Petroleum, Large Power Generation Equipment, Machinery, Metallurgy, Electrical Insulation, Building, Transportation and other fields.

Temperature range:-50 ~ +130 celsius degree  
Width: 1.27m/1.5m  
Thickness: 0.35~0.5mm  
Color:Black



TECHNICAL DATA											
Total thick (mm)	Total weight (g/m <sup>2</sup> )	Basic fabric thick (mm)	Basic fabric model no.	Weight for basic fabric (g/m <sup>2</sup> )	Coating thick (mm)	Coating weight (g/m <sup>2</sup> )	Width (m)	Length/roll (m)	Weight/roll (kgs)	OD/roll (cm)	Coating process
0.35	470	0.19	7628	200	0.16	270	1.27	100	71	26	2 sides coating
0.5	580	0.4	3732	430	0.1	150	1.5	100	93.5	25	2 sides coating

# PVC coated fabric



PVC coated Polyester is featured by high strength, excellent quality stability and self-cleaning of surface, anti-aging and various weather resistance performance. It has been widely used as awnings, truck cover, side curtain, tents, inflatable products, adumbral materials for building facility and house.



Temperature range:-20 ~ +80 celsius degree  
Width: 2.06m/2.1m  
Thickness: 0.4mm &0.55mm  
Color:Blue/Black



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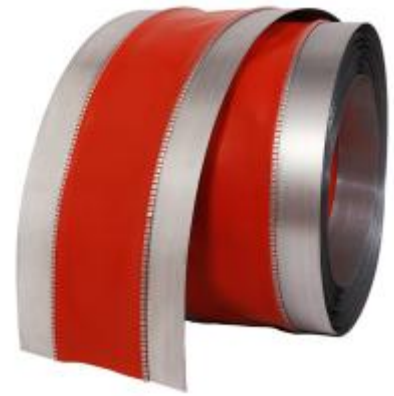


# Flexible duct connector

**Silicone duct connector** is made of silicone coated fiberglass fabric and galvanized iron plate. The two tight special seams between the fabric, and metal plate are air proof.

## Data:

Fabric Thickness: 0.45mm ~ 1.5mm (silicone fabric)  
Temperature range: -70 °C approx. to +270 °C approx.  
Metal thickness: 0.4mm,0.5mm,0.6mm  
Width: 160, 250, 300, 350, 400mm



(Total width from 135mm~400mm is available. Could be made various widths to meet customer's requirement.)

ITEM NO.	Metal spec.		Fabric spec.		
	Metal width(mm)	Metal thickness (mm)	Fabric thickness (mm)	Fabric width (mm)	COLOR
45 - 75 - 45	45	0.4 /0.5/ 0.6	0.45 ~ 1.50	75	red / grey
45 - 100 - 45	45	0.4 /0.5/ 0.6	0.45 ~ 1.50	100	red / grey
45 - 150 - 45	45	0.4 /0.5/ 0.6	0.45 ~ 1.50	150	red /grey
70 - 100 - 70	70	0.4 /0.5/ 0.6	0.45 ~ 1.50	100	red / grey
70 - 150 - 70	70	0.4 /0.5/ 0.6	0.45 ~ 1.50	150	red /grey
70 - 200 - 70	70	0.4 /0.5/ 0.6	0.45 ~ 1.50	200	red / grey
93 - 100 - 93	93	0.4 /0.5/ 0.6	0.45 ~ 1.50	100	red / grey

## Feature:

1. easy and quick to be installed;
2. strong air tight lock seams;
3. available in various widths of fabric and metal.
4. high temperature resistant.
5. fire resistant.

All air duct installations for heating, cooling or ventilation are connected to mechanical equipment containing a fan or blower. Vibrations, noises and rattles resulting from the operation of the fan or blower are transmitted into the metal ducts which carry the noises throughout the system.

In order to isolate vibrations and noises caused by air handling units, fans or other equipment connected to air ducts, it is highly recommended to install a flexible duct connector joint between the outlet of these devices and the air duct.



Guangzhou Yida Composite Material CO.,LTD

Tel:86 18680031730 E-mail: nina@yeedah.com Web: www.siliconcoatedfabric.com

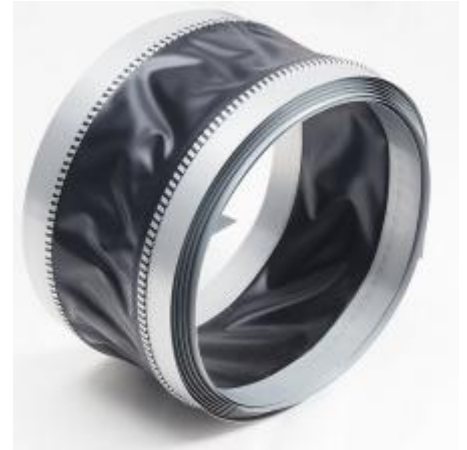
# Flexible duct connector

**PVC duct connector** is made of PVC coated polyester fabric and galvanized iron plate. The two tight special seams between the fabric, and metal plate are air proof.

## Data:

Fabric Thickness: 0.4mm&0.55mm(PVC fabric)  
Temperature range: -20 °C approx. to +70 °C approx.  
Metal thickness: 0.4mm,0.5mm,0.6mm  
Width: 160, 250, 300, 350, 400mm

(Total width from 135mm~400mm is available. Could be made various widths to meet customer's requirement.)



ITEM NO.	Metal spec.		Fabric spec.		
	Metal width(mm)	Metal thickness (mm)	Fabric thickness (mm)	Fabric width (mm)	COLOR
45 - 75 - 45	45	0.4 /0.5/ 0.6	0.4&0.55	75	Blue / Black
45 - 100 - 45	45	0.4 /0.5/ 0.6	0.4&0.55	100	Blue / Black
45 - 150 - 45	45	0.4 /0.5/ 0.6	0.4&0.55	150	Blue / Black
70 - 100 - 70	70	0.4 /0.5/ 0.6	0.4&0.55	100	Blue / Black
70 - 150 - 70	70	0.4 /0.5/ 0.6	0.4&0.55	150	Blue / Black
70 - 200 - 70	70	0.4 /0.5/ 0.6	0.4&0.55	200	Blue / Black
93 - 100 - 93	93	0.4 /0.5/ 0.6	0.4&0.55	100	Blue / Black

## Feature:

1. easy and quick to be installed;
2. strong air tight lock seams;
3. available in various widths of fabric and metal.
4. high temperature resistant.
5. fire resistant.

All air duct installations for heating, cooling or ventilation are connected to mechanical equipment containing a fan or blower. Vibrations, noises and rattles resulting from the operation of the fan or blower are transmitted into the metal ducts which carry the noises throughout the system.

In order to isolate vibrations and noises caused by air handling units, fans or other equipment connected to air ducts, it is highly recommended to install a flexible duct connector joint between the outlet of these devices and the air duct.



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# Flexible duct connector

**Neoprene duct connector** is made of neoprene coated fiberglass fabric and galvanized iron plate. The two tight special seams between the fabric, and metal plate are air proof.

## Data:

Fabric Thickness: 0.5mm ( neoprene fabric)

Temperature range: -50 °C approx. to +130 °C approx.

Metal thickness: 0.4mm,0.5mm,0.6mm

Width: 160, 250, 300, 350, 400mm

(Total width from 135mm~400mm is available. Could be made various widths to meet customer's requirement.)



ITEM NO.	Metal spec.		Fabric spec.		
	Metal width(mm)	Metal thickness (mm)	Fabric thickness (mm)	Fabric width (mm)	COLOR
45 - 75 - 45	45	0.4 /0.5/ 0.6	0.5	75	Black
45 - 100 - 45	45	0.4 /0.5/ 0.6	0.5	100	Black
45 - 150 - 45	45	0.4 /0.5/ 0.6	0.5	150	Black
70 - 100 - 70	70	0.4 /0.5/ 0.6	0.5	100	Black
70 - 150 - 70	70	0.4 /0.5/ 0.6	0.5	150	Black
70 - 200 - 70	70	0.4 /0.5/ 0.6	0.5	200	Black
93 - 100 - 93	93	0.4 /0.5/ 0.6	0.5	100	Black

## Feature:

1. easy and quick to be installed;
2. strong air tight lock seams;
3. available in various widths of fabric and metal.
4. high temperature resistant.
5. fire resistant.

All air duct installations for heating, cooling or ventilation are connected to mechanical equipment containing a fan or blower. Vibrations, noises and rattles resulting from the operation of the fan or blower are transmitted into the metal ducts which carry the noises throughout the system.

In order to isolate vibrations and noises caused by air handling units, fans or other equipment connected to air ducts, it is highly recommended to install a flexible duct connector joint between the outlet of these devices and the air duct.



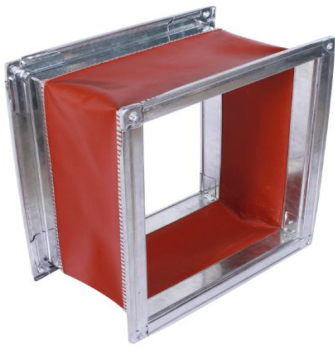
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# TDF duct connector

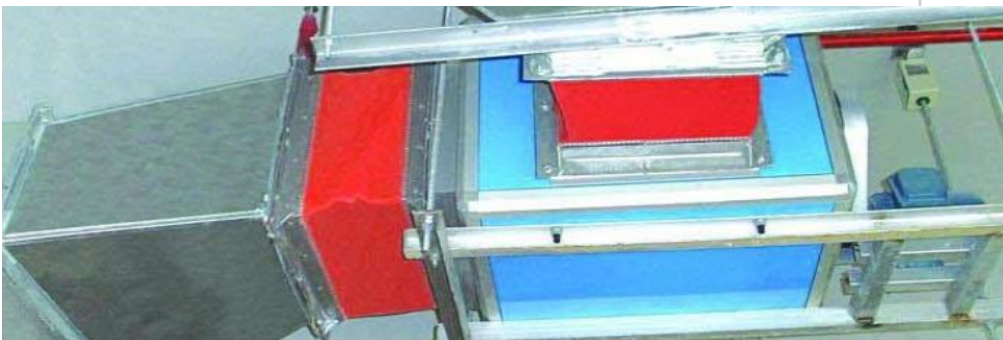
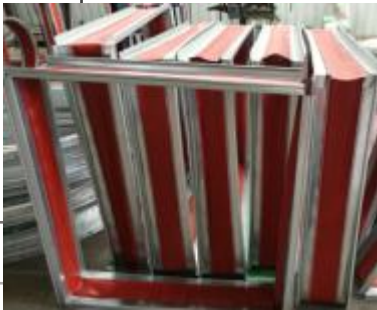
TDF duct connector is a kind of flexible duct connecto with TDF metal flange. The four-bolt connections meet all their ductwork needs. It's faster, better and more economical.



## **Materia:**

\* Central fabric: Silicone coated fiberglass cloth, Neoprene coated fiberglass cloth,PVC fabric.

\* Metal: Galvanized iron late.



## **Feature:**

1. easy and quick to be installed, only 4 bold connections
2. spot welding and frame assembly are eliminated.
3. less labor required
4. Fast and economical.



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# Special duct connector

Special duct connector is a kind of customized product. It is also called compensator (expansion joints). It can be made of fluororubber rubber fabric, PVC fabric, silicone coated fiberglass fabric, or silicone coated aramid fabric.

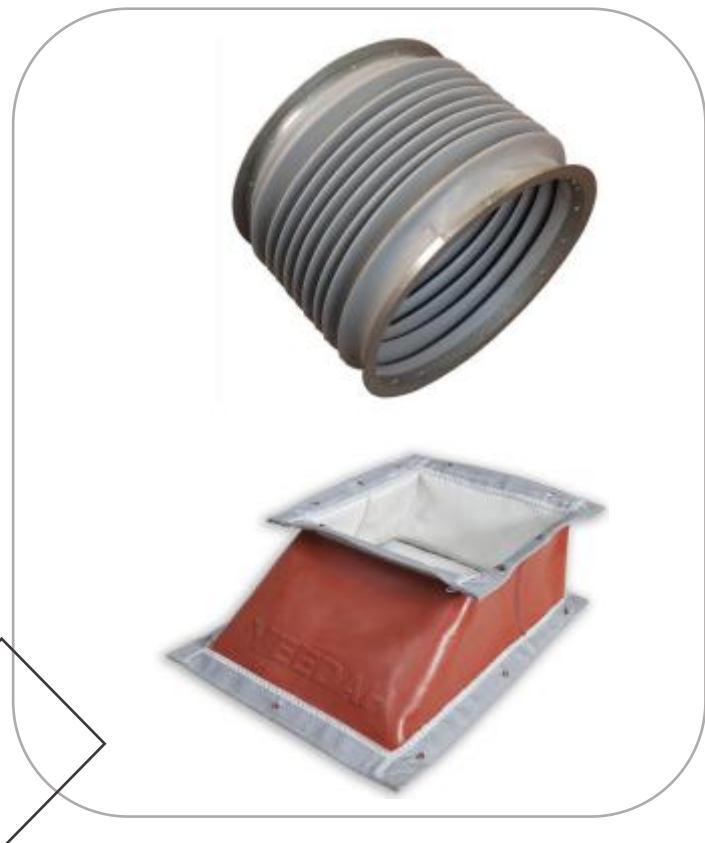
Flange: fabric or metal

Size: per clients required

Thickness: per clients required



To meet every type of installation requirement, apply for industrial, commercial and residential, ventilation systems to eliminate vibrations caused by air handling units, fans and other equipment connected to air ducts.



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