



杭州光华橡塑有限公司

Hangzhou Guanghua Oak & Plastics Co., Ltd.

浙江省杭州市经济技术开发区10号路 邮编: 310018

No.10 Street, Hangzhou Economic and Technological

Development Zone, Zhejiang, 310018

电话Tel: 0571-86911228 86875057

传真Fax: 0571-86911218

E-mail: sales@hop-flex.com

Website: <http://www.hop-flex.com>

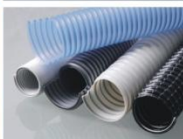
Cable  
Protection  
Hose



Medical  
Hose



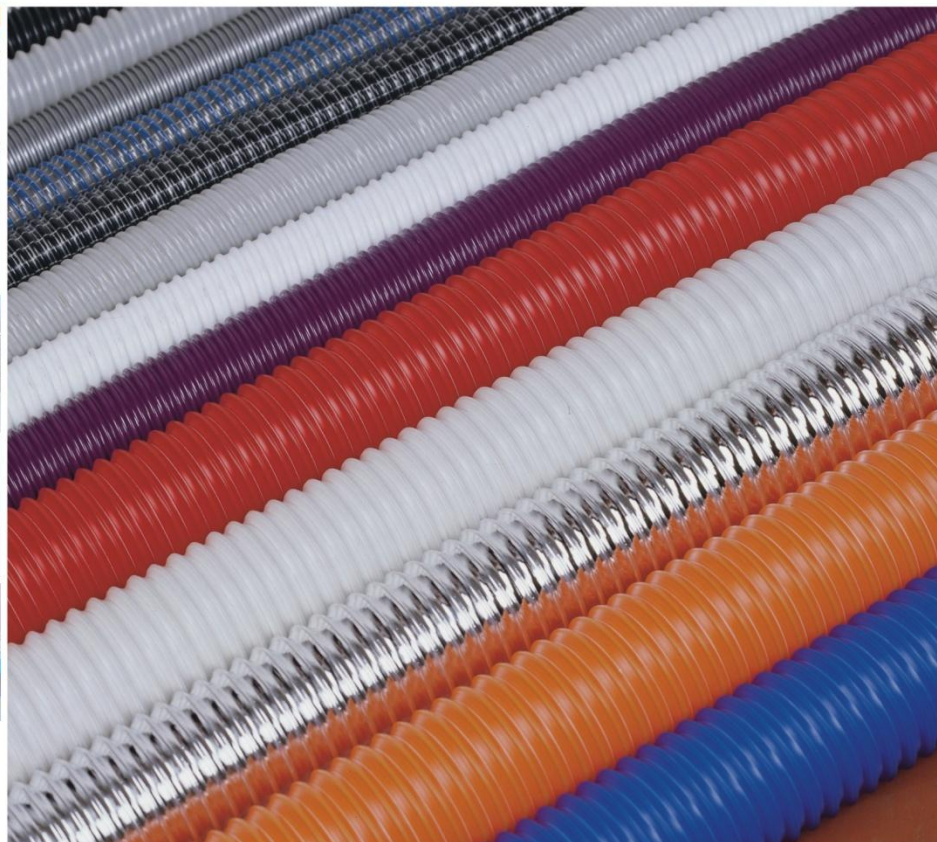
Vacuum  
Cleaner  
Hose



Drain  
Hose



HVAC  
Duct



**Hose expert**  
Forefront Leader Of Flexible Hoses  
[www.hop-flex.com](http://www.hop-flex.com)

杭州光华橡塑有限公司 Since 1987  
Hangzhou Guanghua Oak & Plastics Co., Ltd.

ISO9001:2000 ISO14001:2004 RoHs  
www.hop-flex.com

COMPETITIVE PRICING  
QUALITY PRODUCTS  
CUSTOMER SATISFACTION

Hose Expert  
Forefront Leader Of Flexible Hoses

# Content 目录

5-8

Cable Protection Hose  
波纹管, 电线套管系列

9-11

Medical Hose  
医用软管系列

12-15

Vacuum Cleaner Hose  
吸尘器软管系列

16-20

Drain hose  
排水管系列

21-28

HVAC Duct  
排风软管系列

29-30

Hoses for other applications  
异型管, 小型注塑件系列

# BRIEF INTRODUCTION

公司简介

ISO9001:2000 ISO14001:2004 RoHs

# Hose Expert

## Forefront Leader Of Flexible Hoses

The corporation, established in 1987, is located in National Hangzhou Economic & Technological Development Zone. It covers an area of 10,000m<sup>2</sup>. We are professional in producing various kinds of corrugated and spiral hoses, HVAC ducts, blow and injection molding products, which are widely used in home appliances, autos, RV, cable protection, various kinds of machineries, and also in construction for ventilation.

Through more than 20 years development, the corporation now has the full ability to design and develop the products. The corporation is already a qualification enterprise of ISO9001 and ISO14001, and also got CE and FDA approval.

Competitive pricing, quality products and customer satisfaction are the foundations upon which the corporation operates. We hope to become your first choice for the products and make the value for you.

本公司成立于1987年，座落于国家级杭州经济技术开发区，距杭州萧山国际机场20公里，公司占地面积10000余平方米，建筑面积15000余平方米。公司主要生产各种塑料波纹管、螺旋管、排污排风管、异型挤出材、小型注塑件，产品广泛应用于洗衣机、冰箱、空调、吸尘器、抽油烟机、洗碗机等各类家用电器和厨卫设施，以及汽摩线束护套、电线护管、机械和建筑用通风管，产品远销世界各地。

本公司经过20余年的发展，已具备了完整专业的产品设计、研制和开发能力，公司已通过ISO9001: 2008质量管理体系和ISO14001环境管理体系认证、欧盟CE认证。公司凭着“质量第一、信誉第一”的宗旨，本着“探索行业最高科技，开创领域精彩未来”的企业理念，携手合作伙伴共创美好明天！



# Hose Expert

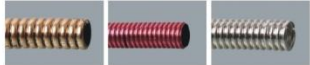
## Forefront Leader Of Flexible Hoses

Cable Protection Hose  
波纹管, 电线套管系列



### Cable Protection Hose

波纹管, 电线套管系列



GH-1001

**GH-1001 Material: PP**  
**GH-1002 Material: PE PP PA**

**Properties:** Flexible, anti-aging, heat resistant, anti-oil. Electroplated hoses(GH-1001), colorful and beautiful.

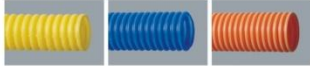
**Application :** Wire protection, liquid and oil transmission.

**特征:**波纹管弯曲性能优良, 抗老化, 耐温, 耐油.

电镀彩色管, 美观大方.

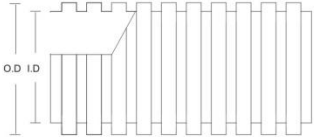
**用途:** 电线套管, 装饰软管.

适用于液体和油料的输送, 电源线保护, 汽车线束的保护等等.



GH-1002

Specification	O.D (mm)	I.D (mm)	Thickness (mm)	Packing (M/Roll)	Remark
1/5"	8	5	1.5	200	
1/4"	10	7	1.5	200	
3/8"	14	10	2.0	100	
1/2"	17	13	2.0	100	
3/5"	20	16	2.0	50	
3/4"	25	20	2.5	50	
1"	31	25	3.0	25	
1 1/4"	42	34	4.0	25	
1-1/2"	47	37	5.0	25	
2"	63	53	5.0	25	



Material: PE,PP,PA

# CABLE PROTECTION HOSE

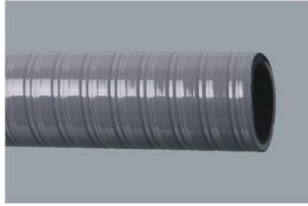
波纹管, 电线套管系列

ISO9001:2000 ISO14001:2004 RoHs

www.hop-flex.com

# Hose Expert

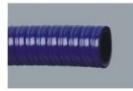
## Forefront Leader Of Flexible Hoses



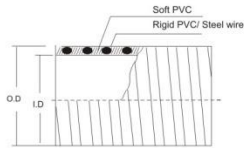
### GH-6006 Material: PVC TPU TPE

**Properties:** PVC spiral hose with unbreakable core inside, long-lasting. Smooth wall inside & outside. Color as request. RoHS approval.

**Application:** Liquid, powder, granule transmission. Water supply and drainage in construction, wires protection, etc.



**特征:** PVC螺旋管, 芯筋不容易折断, 使用寿命长, 内外壁光滑, 符合RoHS. 颜色任意.  
**用途:** 液体, 粉末及粒体物质输送, 建筑工地吸排水, 或电线电缆保护等.



Specification	O.D (mm)	I.D (mm)	Thickness (mm)	M/Roll	Remark
1/2"	19	13	3	20	
3/4"	26	19	3.5	20	
1"	32	25	3.5	20	
1 1/4"	40	32	4	20	
1 1/2"	46	38	4	20	
2"	60	51	4.5	20	
3"	84	75	4.5	20	



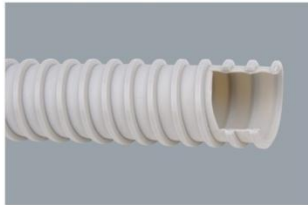
### GH-6001 Material: PVC TPU TPE

**Properties:** PVC spiral hose with unbreakable core inside, long-lasting. Smooth wall inside. Color as request. RoHS approval.

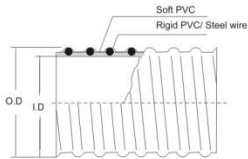
**Application:** Liquid, powder, granule transmission. Water supply and drainage in construction, Wires protection etc.

**特征:** PVC螺旋管, 芯筋不容易折断, 使用寿命长, 内壁光滑, 符合 RoHS 颜色任意.

**用途:** 液体, 粉末及粒体物质输送, 建筑工地吸排水, 或电线电缆保护等.



Specification	O.D (mm)	I.D (mm)	Thickness (mm)	M/Roll	Remark
1/2"	17.5	12.5	2.5	20	
5/8"	22	16	3.0	20	
3/4"	26	19	3.5	20	
1"	32	25.4	3.5	20	
1 1/4"	40	32	4.0	20	
1 1/2"	46	38	4.0	20	
2"	60	51	4.5	20	
3"	86	76	5.0	10	
4"	112	102	5.0	10	
5"	136	126	5.0	10	
6"	163	152	5.5	10	



GH-1007

### GH-1007 Material: PP PA

**Application:** Wires-protection. Easy to install and beautiful.

**用途:** 用于设备电线, 电缆保护, 安装方便美观.



Temperature Range	Specification	O.D (mm)	I.D (mm)	M/Roll	Bend Radius(mm)	Remark
-20 ℃ ~ 110 ℃	GH-1007/10	13.8	8.9	25	70	
	GH-1007/14	18.7	12.8	25	95	
	GH-1007/20	25.8	20.0	25	130	
	GH-1007/23	31.4	24.8	25	155	
	GH-1007/37	41.9	31.4	25	205	
	GH-1007/45	54.5	43.3	25	210	

### GH-1007FT Material: PA GH-1007SB Material: PC

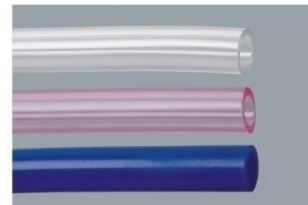
**Application:** Fittings used for GH-1007.

**用途:** 接头用于安装双拼管, 用于设备电线, 电缆保护, 安装方便美观.

**Application:** Fixed holder used for GH-1007.

**用途:** 固定座用于安装双拼管, 用于设备电线, 电缆保护, 安装方便美观.

I.D (mm)	Screw Length (mm)	Temperature Rate	Item No.	Remark
9	12	-40 ℃ ~ 110 ℃	GH-100FT/10	
13	17		GH-100FT/14	
20	17		GH-100FT/20	
24	21		GH-100FT/23	
31	22		GH-100FT/37	
		-30 ℃ ~ 140 ℃	GH-100FT/45	
			GH-100SB/10	
			GH-100SB/14	
			GH-100SB/20	
			GH-100SB/23	
			GH-100SB/37	
			GH-100SB/45	



### GH-1003 Material: PVC PA TPV

**Properties:**

- Material: PVC, PA, TPV .
- Specifications: I.D  $\phi$  3 ~  $\phi$  50mm.
- Good flexibility, -40 ~ 120 $^{\circ}$ C thermotolerant according to different materials.
- RoHS approval.

**特征:**

- 材料: PVC, PA, TPV
- 规格: 内径  $\phi$  3 ~  $\phi$  50mm3.
- 弯曲性好, 使用温度 -40 ~ 120 $^{\circ}$ C
- RoHS 符合

Specification	O.D (mm)	I.D (mm)	Thickness (mm)	Packing (m/Roll)	Remark
1/8"	8	5	1.5	100	
1/4"	10	7	1.5	100	
3/8"	14	10	2.0	50	
1/2"	17	13	2.0	50	
3/5"	20	16	2.0	50	
3/4"	25	20	2.5	50	
1"	31	25	3.0	25	



# Hose Expert

## Forefront Leader Of Flexible Hoses

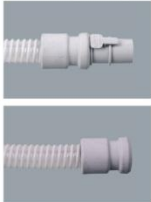


### Medical Hose

医用软管系列



**特征:** 成人用呼吸管, POE管子与TPE接头。已经取得 CE认证和FDA许可。全部产品符合 RoHS 要求。尺寸可按要求定制  
**用途:** 食品液体, 气体传输。广泛应用于医疗和食品工业。适用于呼吸机, 麻醉机。或者其他医疗用途。



**GH-2001A**  
**Properties:** Adult breathing tube has got American FDA-approval and CE Certificate. RoHS approval.Hose is made of POE, fitting is made of TPE.  
**Application:** Food liquid and gas transmission, used in medical industry such as breathing machine, anesthetic machine.

Length	I.D (mm)	Packing	Measurement (cm)	Remark
72"	20	40pcs/ctn	60x37x37	
64"		40pcs/ctn	60x37x37	
30"		80pcs/ctn	55x37x30	
20"		100pcs/ctn	55x37x30	



**特征:** 儿童用呼吸管, POE管子与TPE接头。已经取得CE认证和FDA许可。全部产品符合RoHS要求。尺寸可按要求定制

**GH-2001P**  
**Properties:** Pediatric breathing tube has got American FDA-approval and CE Certificate. RoHS approval. Hose is made of POE, fitting is made of TPE.  
**特征:** 儿童用呼吸管, POE管子与TPE接头。已经取得CE认证和FDA许可。全部产品符合RoHS要求。尺寸可按要求定制

Length	I.D (mm)	Packing	Measurement (cm)	Remark
72"	16	65pcs/ctn	60x37x37	
64"		65pcs/ctn	60x37x37	
30"		100pcs/ctn	55x37x30	
20"		120pcs/ctn	55x37x30	



**GH-2002**  
**Properties:** EVA medical hose. RoHS approval.  
**特征:** EVA医用管, 符合RoHS要求

Length	I.D (mm)	Packing	Measurement (cm)	Remark
1m	22	200pcs/ctn	105X39X40	
1.2m		160pcs/ctn	116X39X40	
1.5m		120pcs/ctn	116X39X40	
1m		360pcs/ctn	105X39X40	

**GH-2003**  
**Properties:** EVA or PE Transparent medical hose, 15.4cm/segment, RoHS approval  
**特征:** 透明医用管15.4cm / 节, EVA或PE材料。符合RoHS要求

Length	I.D (mm)	Packing	Measure (cm)	Remark
30m	22	30m/R	45x45x20	
50m		50m/R	45x45x30	

# MEDICAL HOSE

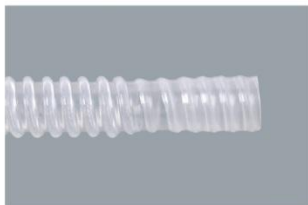
医用软管系列

ISO9001:2000 ISO14001:2004 RoHS

# Hose Expert

## Forefront Leader Of Flexible Hoses

www.hop-flex.com

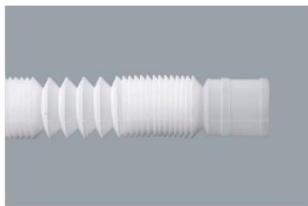


### GH-2004

**Properties:** POE medical hose, CE Certificate. RoHS approval.

**特征:** POE 医用管, 已经取得CE认证.符合RoHS要求.  
尺寸可按要求定制

Length	I.D (mm)	Packing	Measurement (cm)	Remark
0.5m	10	800pcs/ctn	105x39x40	
1m	16	200pcs/ctn	105x39x40	
1.2m	22	160pcs/ctn	116x39x40	
1.5m	25	120pcs/ctn	116x39x40	



### GH-2005

**Properties:** PP elastic hose, RoHS approval.

**特征:** PP可伸缩呼吸管.符合RoHS要求

Length	I.D (mm)	Packing	Measurement (cm)	Remark
1.8m	22	200pcs/ctn	60x39x40	
0.6m		500pcs/ctn	60x39x40	



### GH-2006

**Properties:** TPU or POE material, ideal for mask, RoHS approval.

**特征:** TPU或者POE材料, 适用于氧气面罩.符合RoHS要求

Length	I.D (mm)	Packing	Measurement (cm)	Remark
1.0m	32	100pcs/ctn	115x38x38	



### GH-2007

**Properties:** Breathing tube with heater wire inside

**特征:** 带加热丝呼吸管。



## Vacuum Cleaner Hose

### 吸尘器用管系列

吸尘器用管系列

# VACUUM CLEANER HOSE

吸尘器用管系列

ISO9001:2000 ISO14001:2004 RoHS

# Hose Expert

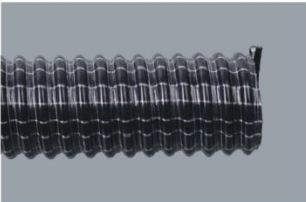
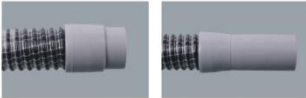
## Forefront Leader Of Flexible Hoses



### GH-3008 Material: PVC PU

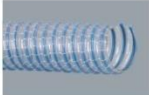
**Properties:** Single, double, and triple low tension wires reinforcements. Superior flexibility, anti-friction. RoHS approval. Suitable for vacuum cleaners & industrial dust collectors.  
**特征:** 单筋、双筋、三筋带低压电线; RoHS 符合  
用途: 可配用各种规格家用、工业用吸尘器

O.D (mm)	I.D (mm)	M/Roll	Remark
34	25	10	
41	32	10	
46	38	10	
60	50	10	



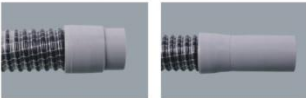
### GH-3001 Material: PVC

**Properties:** 1. Single, double or triple reinforcements, conductivity. 2. Superior flexibility, anti-friction. 3. Fiber reinforcement inside. 4. RoHS approval.



**特征:**  
1、单筋、双筋、三筋、导电;  
2、优异的耐弯曲性、耐磨性;  
3、内衬增强纤维织物;  
4、符合RoHS标准

O.D (mm)	I.D (mm)	M/Roll	Remark
34	25	10	
41	32	10	
46	38	10	
60	50	10	



### GH-3002B Material: PVC PU

**Properties:** 1. Single reinforcement with two electrical wires. 2. Superior flexibility, anti-friction. 3. Specifications available: I.D  $\Phi$  25-60mm. 4. Extension rate: 1:2, 1:3. 5. RoHS approval.

**特征:**  
1、单筋双线导电功能;  
2、优异的耐弯曲性、耐磨性、抗碾压;  
3、内径: 25-60mm 及其它可定制;  
4、伸缩比: 1: 2, 1: 3;  
5、RoHS符合。

O.D (mm)	I.D (mm)	M/Roll	Remark
34	25	5	
38	30	5	
41	33	5	
50	39	5	



### GH-3002 Material: PVC PU

**Properties:** 1. Single, double steel wires reinforcements. 2. Superior flexibility, anti-friction. 3. Specifications available: I.D  $\Phi$  25-60mm. 4. Extension rate: 1:3; 1:5; 1:6 or as request. 5. RoHS approval.

**特征:**  
1、内衬钢丝, 单筋或双筋;  
2、优异的耐弯曲性、耐磨性;  
3、内径: 25-60mm;  
4、伸缩比: 1: 3, 1: 5, 1: 6 及其它可定制;  
5、RoHS符合。

O.D (mm)	I.D (mm)	M/Roll	Remark
34	25	10	
38	30	10	
41	33	10	
50	39	10	



### GH-3006 Material: PVC

**Properties:** 1. Single, double or multiply reinforcements. 2. Superior flexibility, anti-friction. 3. Steel wire or low-tension electrical wire reinforcement. 4. Different colors available. 5. RoHS approval.

**特征:**  
1、单筋、双筋、多筋;  
2、优异的耐弯曲性、耐磨性;  
3、内衬钢丝或低压电线;  
4、多种颜色供选;  
5、RoHS符合

O.D (mm)	I.D (mm)	M/Roll	Remark
41	32	10	
46	38	10	
50	43	10	
60	50	10	
70	63	10	

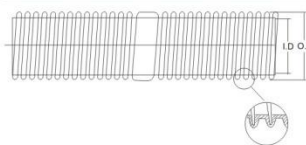
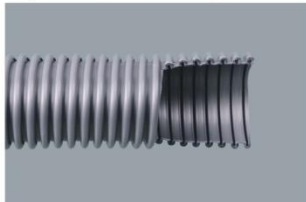


### GH-3005 Material: EVA

**Properties:** EVA spiral hose. Material: Normal, Antistatic, Conductive EVA or PE. Tight inner gap, low noise performance, firm frame, high tensile strength. Superior flexibility, anti-friction. Single colour or bicolor. RoHS approval.

**特征:**  
EVA缠绕成型, 材料可选EVA普通、抗静电、导电性料或PE料  
内壁紧密, 工作噪音小, 结构坚固、抗撕裂性强;  
优异的耐弯曲性、耐磨擦性、导电性、抗静电  
单色、双色可选;  
RoHS符合。

O.D (mm)	I.D (mm)	M/Roll	Remark
33	25	20	
41	32	20	
46	38	20	
61	50	20	





# VACUUM CLEANER HOSE

吸尘器用管系列

ISO9001:2000 ISO14001:2004 RoHs

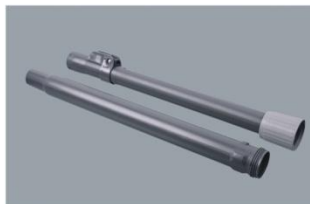
www.hop-flex.com

# Hose Expert

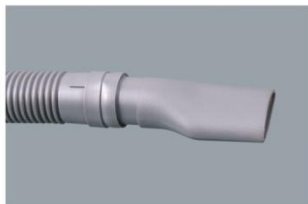
## Forefront Leader Of Flexible Hoses



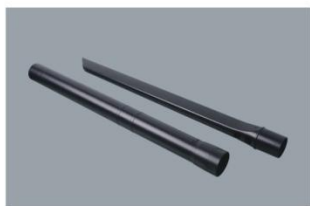
**GH-3007**  
Vacuum cleaner hose  
吸尘器管组件



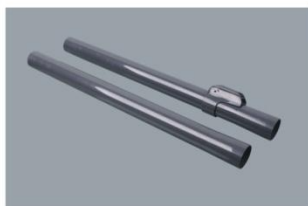
**GH-3003**  
Duster extension hoses  
吸尘器延长管



**GH-3004**  
Duster extension hoses  
吸尘器延长管



**GH-3003A&B**  
Duster extension hoses  
吸尘器延长管



**GH-3003C**  
Duster extension hoses  
吸尘器延长管



## Drain Hose

排水管系列

排水管系列

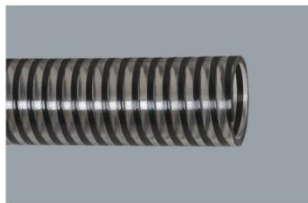
# Hose Expert

## Forefront Leader Of Flexible Hoses

## DRAIN HOSE

排水管系列

ISO9001:2000 ISO14001:2004 RoHs



### GH-6005

#### Properties:

1. Hose is made from PVC material
2. Transparent, black or other colors.
3. Unbreakable core, long-lasting.
4. Smooth wall inside & outside.
5. RoHS approval.

#### Application:

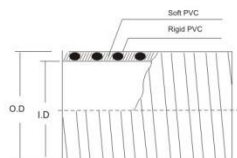
1. Used for water transmission.
2. Liquid, powder, granule transmission.
3. Electrical wires and cables protection.

#### 特征:

1. 材料PVC
2. 透明、黑色等各种颜色
3. 芯筋不容易折断, 使用寿命很长
4. 内外壁光滑
5. RoHS 符合

#### 用途:

1. 一般性送水, 排水
2. 液体、粉末、粒体物质输送
3. 各类水泵、建筑吸排水
4. 电线、电缆保护



Specification	O.D (mm)	I.D (mm)	M/Roll	Remark
1/2"	20	12.7	20	
3/4"	26	19	20	
1"	32	25.4	20	
1 1/4"	40	32	20	
1 1/2"	46	38	20	
2"	60	51	20	



### GH-1004

### GH-1008

**Properties:** PP/PE hose with TPE conector

**Application:** Drainage hose and Seepage hose, Used for drainage or irrigation in gardens

**特征:** PP/PE材料, TPE接头。

**用途:** 排水管及渗水管, 用于花园灌溉, 排水, 规格可订制

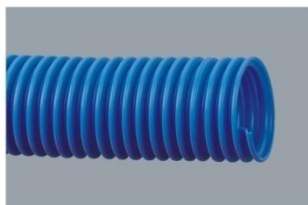
O.D (mm)	I.D (mm)	Fitting ID (mm)	M/Roll	Measurement (cm)
29	22	26	10	63x36x36
33	27	26	10	70x42x42



### GH-1004



### GH-1008

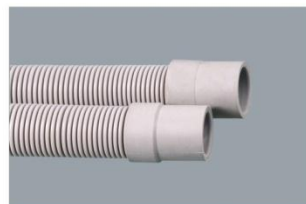


### GH-1006

**Application:** Drain pipes used for swimming pools.

**用途:** 用于游泳池排水。

O.D (mm)	I.D (mm)	M/Roll	Thickness (mm)	Remark
47	37	30	5.0	
63	53	30	5.0	



### GH-4001

#### Properties:

PP hose with TPE connectors and PP Elbow

Temperature range: -24°C~+100°C

Straight or bent connectors for your selection

#### Application:

Suitable for various types of Washing machines. Easy to install, Durable.

#### 特征:

PP管身与TPE接头, 配弯扣。

温度范围: -24°C~+100°C

弯头直头可任意选择

#### 应用:

排水管适用于所有类型的洗衣机, 容易安装, 使用寿命长。

Straight connector ID (mm)	Bent Connector ID (mm)	Length (m)	Remark
19	21	0.5-10	
21	21	0.5-10	
9	9	0.5-10	

### GH-4002

#### Properties:

PP hose with TPE connectors and PP Elbow

Temperature range: -24°C~+100°C

Straight or bent connectors for your selection

#### Application:

Drain hose for all types of Washing machines. Easy to install, Durable.

#### 特征:

PP管身与TPE接头, 配弯扣。

温度范围: -24°C~+100°C

弯头直头可任意选择

#### 应用:

排水管适用于所有类型的洗衣机, 容易安装, 使用寿命长。

Straight connector ID (mm)	Hose ID (mm)	Length (m)	Remark
26	25	0.5-10	
29			
32			

### GH-4006

**Application:** Drainage hoses suitable for water pump

**用途:** 水泵排水管, 配标准接头。

Specification	Packing (sets/ctn)	Measurement (cm)	Remark
1 1/4"x24"	10	85x33x64	
1 1/2"x24"	12	117x38x74	

# DRAIN HOSE

排水管系列

ISO9001:2000 ISO14001:2004 RoHs

# Hose Expert

## Forefront Leader Of Flexible Hoses

www.hop-flex.com



### GH-4008

**Properties:**

PVC drain hose, trumpet shape connector can be cut to four sizes.  
Temperature range: -20°C~+70°C

**Application:**

Suitable for various types of Washing machines.

**特征:**

PVC排水管, 变径接头, 四种可变尺寸, 根据需要任意剪切, 实用性强。  
温度范围: -20°C+70°C

**应用:**

排水管适用于所有类型的洗衣机

Straight connector ID (mm)	Hard Connector ID x OD (mm)	Length (m)	Remark
32	28 X 32	0.5-10	
35			
38			
42			

### GH-4009

**Properties:**

PP elastic hose with TPE connector and PP elbow  
Extension rate 1:3  
Temperature range: -24°C~+100°C

Straight or bent connector for your selection

**Application:**

Drain hose for all types of Washing machines. Easy to install, Durable.

**特征:**

可伸缩PP管身与TPE接头, 配弯扣。  
伸缩比1: 3  
温度范围: -24°C+100°C  
弯头直头可任意选择

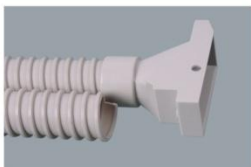
**应用:**

排水管适用于所有类型的洗衣机

Connector ID (mm)	Length (m)	Remark
21	1.2 to 4	



GH-4010



GH-4011



GH-4012



### GH-4005

**Properties:**

PVC drain hose with PP core or steel wire.  
Temperature range: -20°C~+70°C

**Application:**

Drain hose for all types of Washing machines.

**特征:**

PVC排水管, PP筋或钢丝筋加强, 良好的抗变形能力。  
温度范围: -20°C+70°C

**应用:**

排水管适用于所有类型的洗衣机

Straight Connector ID (mm)	Bent Connector ID (mm)	Length (m)	Remark
21	21	0.5-10	

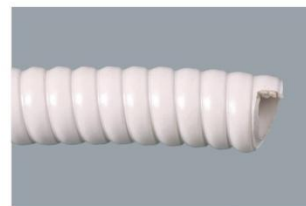
### GH-7003

**Application:** PVC hose with

foam films inside, heat preservation drain hoses for air conditioners.

用途: 家用空调, 中央空调  
安装保温排水、送风用管。

ID (mm)	M/Roll	Measurement (cm)	Remark
14	20	40x40x20	
19	20	45x45x20	
25	20	50x50x20	
50	10		
75	10		
100	5		



### GH-7004

**Properties:** Single or double colour drain pipes. One end ID16mm, the other end ID18mm. One end can be inserted to the other end UV-protection.

**Application:** Drain pipes for air-conditioners.

特征: 单色及双色, 长度任意, 两端口可对接, 适配所有家用空调保温排水管接头, 抗UV抗老化性能卓越。  
用途: 空调室外机排水管, 排水加长管。

O.D (mm)	I.D (mm)	M/Roll	Measurement (cm)	Remark
19	14	50	40x40x20	
21	16	50	40x40x21	



GH-5004



GH-5004B



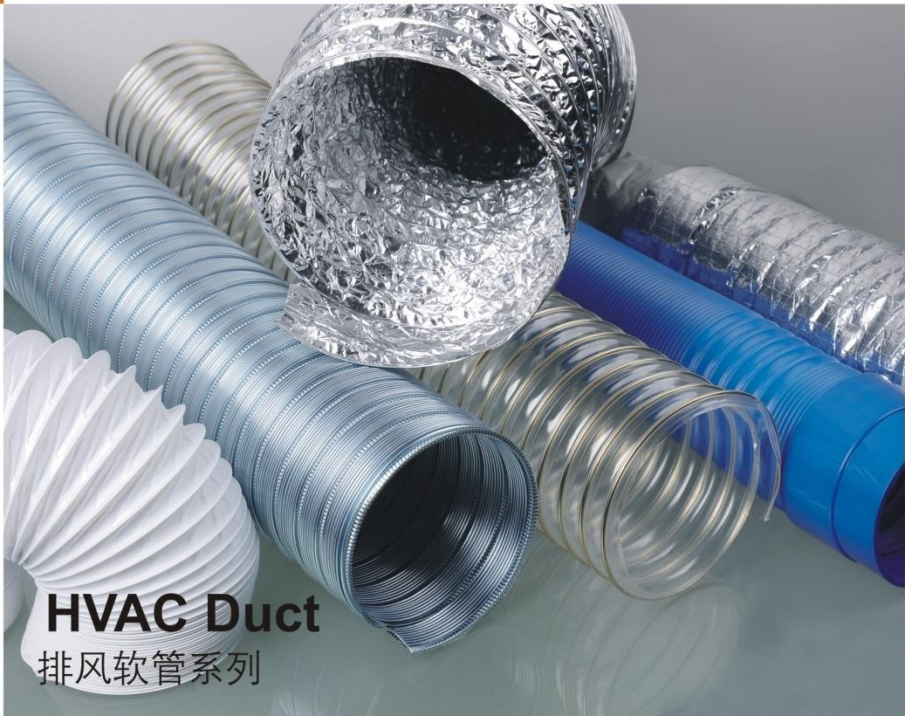
GH-5004G



排水管系列

# Hose Expert

## Forefront Leader Of Flexible Hoses

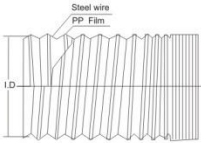


**HVAC Duct**  
排风软管系列



**GH-5001**  
**Properties:**  
PP film with helix steel wire.  
High flexibility and axial compressibility  
Temperature range: -20°C~+90°C  
**Application:**  
Ideal for various ventilation and sewerage systems

**特征:**  
PP, 内衬钢丝, 重量轻  
优异的伸缩性和弯曲性  
温度范围: -20°C~+90°C  
应用:  
适用于各种排风, 排污系统

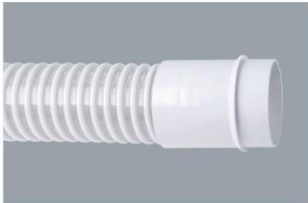


Specification (inch)	Specification (mm)	Length (m)	Remark
2"	50	10	
3"	76	10	
4"	102	10	
5"	127	10	
6"	152	10	



**GH-5001T**  
**Properties:**  
TPE material with PP core.  
High flexibility and axial compressibility  
Temperature range: -30°C~+110°C  
**Application:**  
Ideal for various ventilation and sewerage systems

**特征:**  
TPE, 内衬PP筋, 抗老化及耐温性能卓越。  
优异的伸缩性和弯曲性  
温度范围: -30°C~+110°C  
应用:  
适用于各种排风, 排污系统



**GH-5020**  
**Properties:**  
This suction hose is totally made from PVC material, with smooth wall inside.  
Temperature range: -20°C~+80°C  
Size: 1/2"-5", or as request  
**Application:**  
1.ventilation system  
2.powder, sand, liquid transfer  
3.Different connectors and colors can be done as request

**特征:**  
吸尘管采用PVC贴绕增加强筋制作而成  
内壁光滑, 增厚加强, ROHS符合  
温度范围: -20°C~+80°C  
规格: 1/2" -5", 可订制  
**应用:**  
1. 吸、排风系统  
2. 粉尘、沙粒、液体的输送  
3. 可按要求配接头、定制颜色。

# HVAC DUCT

## 排风软管系列

ISO9001:2000 ISO14001:2004 RoHs

# Hose Expert

## Forefront Leader Of Flexible Hoses

www.hop-flex.com

### GH-5005

#### Properties:

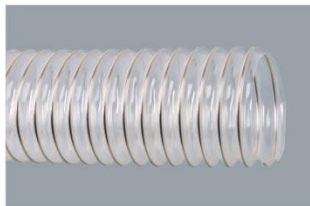
PU duct is made of abrasion resistant Polyurethane with brass plated steel wire.  
PVC material can also be ordered  
High flexibility and axial compressibility  
Wall thickness: 0.4mm ~ 1.5mm  
Temperature range: -40°C~+90°C

#### Application:

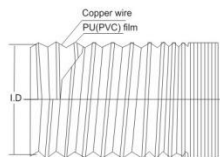
This type suction hose is especially ideal for light abrasive solid such as dust, powder, fibre and welding smoke, it is also suitable for ventilation system.

#### 特征:

PU材料、内衬镀铜钢丝，内表面光滑，优异的弹性和耐磨性  
PVC材料可供选择  
PU厚度: 0.4mm~1.5mm  
温度范围: -40°C~+90°C  
应用:  
吸排风及输送粉末、烟雾、木屑等领域



Specification (inch)	Specification (mm)	Length (m)	Remark
2"	50	10	
3"	76	10	
4"	102	10	
5"	127	10	
6"	152	10	
8"	200	10	
10"	254	10	
12"	304	10	



### GH-5003

#### Properties:

PVC flexible air duct is made of fire proof PVC film with helix steel wire.  
High flexibility and axial compressibility  
Temperature range: -15°C~+80°C  
Shape: round or rectangular

#### Application:

It is especially ideal for exhaust systems under low and medium pressure, like dryer machine, air conditioner system.

#### 特征:

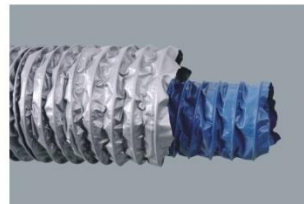
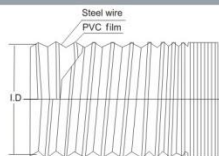
防火PVC膜、内衬钢丝，重量轻  
优异的伸缩性和弯曲性  
温度范围: -15°C~+80°C  
圆形和方形供选

#### 应用:

非常适用于各种中低压排风系统，例如干衣机、空调系统



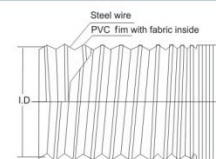
Specification (inch)	Specification (mm)	Length (m)	Remark
2"	50	10	
3"	76	10	
4"	102	10	
5"	127	10	
6"	152	10	



### GH-5002

**Application:** PVC coated, fabric inside hose. Nonflammable, UL94V0 grade. Used for ventilation.

**用途:** 玻纤复合风管，阻燃，UL94V0级，用于工厂、设备、厨房通风。



Specification (inch)	O.D (mm)	M/PC	Remark
4"	102	5	
5"	127	5	
6"	152	5	
6.5"	160	5	
8"	200	5	

### GH-5010

#### Properties:

Aluminum Foil Air Duct is made of aluminum foil and steel wire.  
High flexibility and axial compressibility, extension rate is around 1:10  
Aluminum foil thickness: 0.035mm  
Temperature range: -30°C~+140°C  
Maxim Air Flow: 30m/s  
Maxim working pressure: 2500 pa

#### Application:

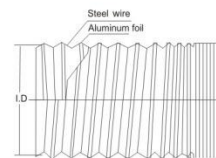
The aluminum foil air duct is especially ideal for high pressure and low pressure ventilation system, like range hood.  
It can be fixed directly on the fittings. In case of fire or high temperature, there is no toxic gas.

#### 特征:

伸缩软管采用积层铝箔复合膜贴绕高弹性螺旋形强韧钢丝制作而成  
伸缩性优异，伸缩比为1: 10  
铝箔厚度: 0.035mm  
温度范围: -30°C~+140°C  
最大空气流速: 30m/s  
最大工作压力: 2500 pa

#### 应用:

适用于高压、低压的空调及通风系统，安装简单可直接安装于椭圆形接口上，遇高温或火警时，无有毒气体产生。具有高度的耐温及防火性能。



Specification (inch)	Specification (mm)	M/PC	Measurement (cm)
4"	102	10	11.5x11.5x45
5"	127	10	14x14x43
6"	152	10	16.5x16.5x37
7"	165	10	17.5x17.5x37
8"	203	10	21x21x38
10"	254	10	26x26x38
12"	305	10	31x31x38
12.5"	315	10	32.5x32.5x38

# HVAC DUCT

排风软管系列

ISO9001:2000 ISO14001:2004 RoHs

# Hose Expert

## Forefront Leader Of Flexible Hoses



### GH-5011

**Properties:**

Aluminum Air Duct is made of aluminum.  
 9 corrugated or 4 corrugated can be ordered  
 High flexibility and axial compressibility,  
 extension rate is 1: 3.7 (9 corrugated) ; 1:3.5 (4 corrugated)  
 Aluminum thickness: 0.05mm ~ 0.15mm  
 Temperature range: -30°C+140°C  
 Maxim Air Flow: 30m/s  
 Maxim working pressure: 10000 pa

**Application:**

The aluminum foil air duct is especially ideal for high pressure and low pressure ventilation system, like range hood.  
 It can be fixed directly on the fittings. In case of fire or high temperature, there is no toxic gas.

Specification (inch)	Specification (mm)	M/PC	Remark
3"	73	3	
3.5"	90	3	
4"	102	3	
5"	127	3	
6"	152	3	
7"	165	3	
8"	200	3	
10"	254	3	
12.5"	315	3	

**特征:**

由厚度为0.05mm~0.15mm的纯铝箔压制而成  
 9牙或4牙可供选择  
 伸缩比1: 3.7 (9牙) ; 1: 3.5 (4牙)  
 温度范围: -30°C~+140°C  
 最大空气流速: 30m/s  
 最大工作压力: 10000pa

**应用:**

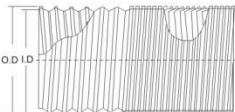
适用于厨卫等各种排风系统, 如油烟机、热水器



### GH-5012

PP ventilation ducting. Random bend, flexible .  
 Various colors, ventilation for various kinds of equipments.  
 重量轻, 任意弯曲伸缩, 用于厨卫、移动空调排风.

Specification (inch)	Specification (mm)	Length (m)	Remark
2"	50	10	
3"	76	10	
4"	102	10	
5"	127	10	
6"	152	10	
8"	200	10	
10"	254	10	



### GH-5013

Combination of PVC layer and aluminum foil. It is flexible, abrasion resistant, fire-proof. Suitable for various types of ventilation system

铝箔复合加强管, 内膜铝箔, 外覆阻燃PVC膜内衬螺旋钢丝, 具有耐磨、阻燃、易伸缩、使用方便等特点, 适用于各类排气系统。



Specification (inch)	Specification (mm)	M/PC	Measurement (cm)	Remark
4"	102	10	11.5x11.5x57	
5"	127	10	14x14x47	
6"	152	10	16.5x16.5x38	
7"	165	10	17.5x17.5x45	
8"	200	10	21.5x21.5x42	
10"	254	10	26.5x26.5x42	
12"	304	10	31.5x31.5x42	
12.5"	315	10	33x33x42	



### GH-5014

### GH-5014ALU

Ventilation hose, Material: nonwovens fabric or aluminum foil with pp reinforcement.

Extension rate: 1:12. Small size can be put into bigger size, in package



Specification (inch)	Specification (mm)	M/PC	Measurement (cm)	Remark
4"	102	6	14x14x52	
6"	152	6	19x19x52	
8"	200	6	24x24x52	
10"	254	6	29x29x52	
12"	304	6	34x34x52	

# HVAC DUCT

排风软管系列

ISO9001:2000 ISO14001:2004 RoHS

# Hose Expert

## Forefront Leader Of Flexible Hoses

www.hop-flex.com



### GH-5016

#### Properties:

Insulated Air Duct is made of anti-fire glass fiber wool or high quality polyester cotton and aluminum foil.

High flexibility and axial compressibility, extension rate is 1: 8

Outer Aluminum foil thickness: 0.026mm, Inner is 0.035mm

Temperature range: -30℃~+140℃

Maxim Air Flow: 30m/s

Maxim working pressure: 2500 pa

Thickness of glass wool: 30mm<sup>3</sup>

Density of glass wool: 16kg/m

#### Application:

The insulated air duct is especially ideal for high pressure and low pressure ventilation system, like centre air conditioning system. It can be fixed directly on round & square fittings. In case of fire or high temperature, there is no toxic gas.

#### 特征:

保温管由复合铝箔、钢丝及优质环保阻燃棉或优质涤纶棉制成。伸缩比 1: 8

外层铝箔厚0.026mm, 内层铝箔厚0.035mm, 棉厚30mm, 密度 16 kg/m<sup>3</sup>

温度范围: -30℃~+140℃

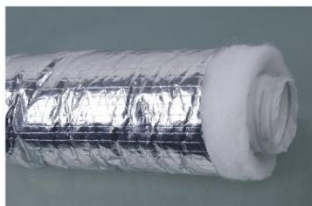
最大工作压力: 2500pa

最大空气流速: 30m/s

#### 应用:

适用于中低压空调及通风系统, 安装简易。

Specification (inch)	Specification (mm)	M/PC	Measurement (cm)	Remark
4"	102	10	18x18x90	
5"	127	10	20x20x90	
6"	152	10	22x22x90	
7"	165	10	24x24x90	
8"	203	10	27x27x90	
10"	254	10	32x32x90	
12"	305	10	37x37x90	
12.5"	315	10	39x39x90	



### GH-5018

#### Properties:

PET film with helix steel wire.

High flexibility and axial compressibility, extension rate is around 1:10

PET film thickness: 0.025mm

Temperature range: -30℃~+120℃

Maxim Air Flow: 30m/s

Maxim working pressure: 2500 pa

#### Application:

Ideal for various ventilation systems

#### 特征:

伸缩软管采用PET复合膜贴绕高弹性螺旋形强韧钢丝制作而成

伸缩性优异, 伸缩比为1: 10

PET膜厚度: 0.025mm

温度范围: -30℃~+120℃

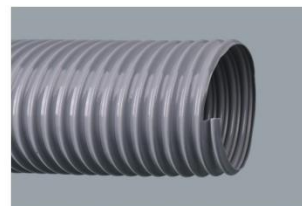
最大空气流速: 30m/s

最大工作压力: 2500 pa

#### 应用:

适用于高压、低压的空调及通风系统

Specification (inch)	Specification (mm)	M/PC	Measurement (cm)	Remark
4"	102	10	11.5x11.5x45	
5"	127	10	14x14x43	
6"	152	10	16.5x16.5x37	
7"	165	10	17.5x17.5x37	
8"	203	10	21x21x38	
10"	254	10	26x26x38	
12"	305	10	31x31x38	
12.5"	315	10	32.5x32.5x38	



### GH-5019

#### Properties:

The whole hose is made of PVC material

Anti-aging, non-toxic, long life

High flexibility

Temperature range: -20℃~+80℃

#### Application:

Suitable for vacuum system, ventilation system, woodworking machinery

#### 特征:

吸尘管采用PVC贴绕高弹性螺旋形强韧钢丝制作而成

抗老化, 无毒, 使用寿命长。

任意方向弯曲, 灵活方便。

温度范围: -20℃~+80℃

#### 应用:

用于吸尘设备、通风设备, 可用于工具磨床、木工机械、导轨磨床、化工设备吸尘通风

Specification (inch)	Specification (mm)	Length	Remark
2"	50	10'	
3"	76	10'	
4"	102	10'	
5"	127	10'	
6"	152	10'	
8"	200	10'	
10"	254	10'	
12"	304	10'	

# HOSES FOR OTHER APPLICATIONS

异型管, 小型注塑件系列

ISO9001:2000 ISO14001:2004 RoHs

# Hose Expert

## Forefront Leader Of Flexible Hoses



GH-8001



GH-8002



GH-8003

**Usages :**

- 1. PA auto oiling module of pipes.
- 2. PU compound board for inner decoration of autos.
- 3. Oil hoses for various kinds of auto oil pumps. and air-inlet modules of pipes.

**用途:**

- 1. PA 汽车加油管组件
- 2. PU 汽车内饰隔热复合板材
- 3. 各种规格油泵油管及进气管组件

**Specification for silicone hose:**

- 1. Used for engine intake, exhaust, water, oil resistance, turbocharger, radiators, intercoolers, oil application and other systems.
- 2. Working Temperature: -65°C-260°C, special request can make 300°C.
- 3. Working Pressure: 0.3-2.4Mpa, special request can make 3.0Mpa.
- 4. Standard color: red, blue, black or other colors as request.
- 5. Inner diameter tolerance: +0.2/-0.5mm; wall thickness tolerance: +0.5/-0.3mm.
- 6. Ordinary reinforcement, 4 lays or 5mm wall thickness.
- 7. Special inner layer: Fluorosilicone, fluororubber & fluorocarbon.



GH-8006



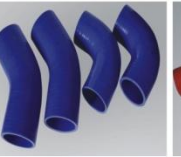
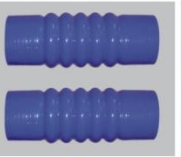
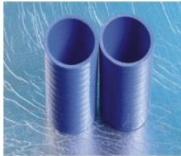
GH-8007



GH-8008



GH-8009



**硅胶管的技术参数:**

- 1. 应用于发动机水冷, 中冷, 近期, 排气及涡轮增压系统.
- 2. 一般工作温度: -65°C-260°C, 特殊要求可以做到耐温 300°C.
- 3. 压力范围: 0.3-2.4Mpa, 特殊要求可以做到耐压 3.0Mpa.
- 4. 标准色: 红色, 蓝色和黑色. 另外颜色棕色或者绿色等可以根据要求定制.
- 5. 内径公差范围+0.2/-0.5mm; 壁厚公差: +0.5/-0.3mm.
- 6. 一般增强层数: 4层 或5mm厚.
- 7. 特殊内衬层: 氟硅胶, 氟橡胶, 氟碳取理剂喷涂.

