

PE Acid Alkali Resistant Chemical Specialty Air Hose



Product Overview

This high-quality PE specialty hose is designed for pneumatic air lines and selected chemical transfer. It offers improved acid and alkali resistance, smooth inner and outer surfaces for stable flow, and a semi-transparent body for checking internal liquid conditions.

Key Features

- High-quality PE material for pneumatic and compatible chemical lines.
- Improved resistance to acid and alkali working environments.
- Smooth inner and outer surfaces support stable fluid flow.
- Semi-transparent body allows visual inspection of internal liquid.
- Available in sizes from 4 mm to 16 mm.
- Custom size, color, roll length, and packaging options are available.

Applications

- Pneumatic air lines and compressed-air systems.
- Selected acid, alkali, and compatible chemical transfer lines.
- Deionized water and electroplating solution systems.
- Factory equipment, automation machinery, and maintenance projects.

Selection Guidance

- Confirm the chemical medium, concentration, pressure, and temperature.
- Confirm hose size, fitting type, bend radius, and exposure time.
- Verify PE material compatibility before ordering and installation.

Technical Specifications

Parameter	Specification
Product Name	PE Acid and Alkali Resistant Specialty Hose
Product Type	Chemical resistant PE hose / specialty pneumatic hose
Model	PE HOSE
Material	High-quality PE
Hose Size	4 mm, 6 mm, 8 mm, 10 mm, 12 mm, 14 mm, and 16 mm options
Working Medium	Compressed air, acids, alkalis, toluene, deionized water, electroplating solution, and compatible chemicals
Main Use	Pneumatic air line, chemical transfer line, air compressor line, and factory fluid line
Chemical Resistance	Better acid and alkali resistance than standard PE tubing
Surface	Smooth inner and outer surface for stable fluid flow
Appearance	Semi-transparent hose for checking internal liquid flow
Working Temperature	0 - 60 degrees C
Customization	Customized size, color, roll length, and packaging options can be confirmed
Typical Application	Compressed-air systems, chemical transfer, electroplating equipment, deionized water lines, factory equipment, automation equipment, and maintenance projects
Selection Checks	Confirm hose size, chemical medium, concentration, pressure, temperature, fitting type, bend radius, exposure time, and material compatibility before ordering

Model Selection and Dimensions

Specification / Model	Color	Unit	Length	Packing Quantity
4 x 2.5	White	Roll	200 m	1 x 7
6 x 4	White	Roll	100 m	1 x 7
8 x 5	White	Roll	100 m	1 x 6
8 x 6	White	Roll	100 m	1 x 6
10 x 8	White	Roll	100 m	1 x 4
10 x 6.5	White	Roll	100 m	1 x 4
12 x 8	White	Roll	100 m	1 x 3
12 x 9	White	Roll	100 m	1 x 3
14 x 10	White	Roll	50 m	1 x 2
16 x 12	White	Roll	50 m	1 x 2

Contact Information

Wenzhou Hongmi Pneumatic Co., Ltd.

Address: Room 501, Xingnan Village, Hongqiao Town, Yueqing City, Zhejiang, China

Email: vivilian@homipneu.com

Phone / WhatsApp: +86 136 0580 6063

Website: <https://homipneu.com>