



**amatic.**  
PROFESSIONAL SERIES

# Air Hoses & Fittings



CATALOGUE

**Hybrid Air Hose**

**Poly Air Hose**

**PVC Air Hose**

**Couplers & Plugs**



## About us

ARK Polychem Private Limited is one of the prominent and distinguished manufacturers of Air Hoses & fittings which include Hybrid Air Hoses, Poly Air Hoses, PVC Air Hoses, Couplers & Plugs.

Strength, Durability and Innovation are the hallmarks of every product manufactured at ARK Polychem Private Limited. Our all innovations are based on PQR theory, which is primarily known as Performance, Quality and Reliability. It is our belief that all products we manufacture should pass the Performance tests and be at par in **Quality with global standards** and achieve highest benchmark in Reliability. We are India's fastest growing Industrial hose company and looking to grow and achieve International recognition for the quality of our hoses and fittings.

Our infrastructure capabilities are at par with International standards and we strive to follow strict and best in house test procedures in our in house established testing laboratory.



## Quality Management

It is ARK's vision to become an Indian multinational company in the field of Air Tools & Hoses and keeping that goal in mind we always stress on Total quality management principles and strive to achieve zero defect products in line with our manufacturing capabilities.





## Infrastructure

- ARK factory is built in an area of 20,000 sqft, where we have a dedicated packaging area of 5,000 sqft
- ARK has extruder lines to manufacture Poly (PU) Hoses, Nylon, PVC & Hybrid Hoses. The extruders are imported from Germany and Braiders are from USA
- In house sophisticated Machine shop to manufacture Hose fittings, Couplers, and Valves. CNC Machines from Japan



## In house Testing facility





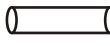


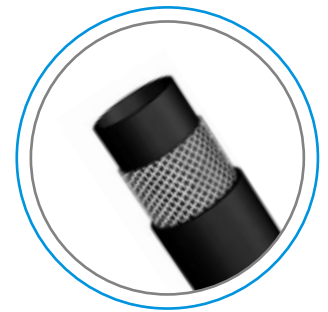


## Hybrid Air Hose

Hybrid Hoses are manufactured using thermoplastic PVC compound blended with rubber, which have properties similar to rubber compound to withstand high pressure and temperature conditions. It is constructed with full weaving of synthetic yarn and with normal reinforcement as well in between two thermoplastic layers. It is very light weight and economical.

Core	PVC, Rubber
Reinforcement	Single Braid of Synthetic Fiber
Cover	PVC Rubber Compound
Application	Designed for : Air Drills, Ratchet Wrenches, Automotive Repair Shops, Industrial Facilities, Etc
Temperature	Continuous : -20°F To 140°F

Part No.					
	ID	WP	BP	Fittings	Length
	Inch	Psi	Psi	NPT	Feet
ARKHH-1	1/4"	300	1200	1/4"	25,50,100
ARKHH-2	3/8"	300	1200	3/8", 1/4"	25,50,100
ARKHH-3	1/2"	300	1200	3/8"	25,50,100



### AMATIC Hybrid Polymer Air Hose, Ultra-light

- Extremely resistant to Ozone & UV
- 4 Finger Bend Restrictor for extended life
- 40% lighter than traditional rubber hoses
- High-visibility color for safety and avoids tripping
- Solid Brass 1/4" NPT ends
- Flexible in extreme temperatures
- 300 PSI W.P. 1200 PSI B.P. Hybrid
- Ultra-light, Made using Rubber/PVC Polymers, 40% Lighter than traditional rubber hoses.
- Solid Brass ends. Oil, chemical resistance, durable solid brass universal coupler are crush resistant. Service life can be as long as several years.
- This 3/8 air hose is blended rubber and PVC, hybrid polymer resists kinking and tangling under pressure and provides high flow for your project.
- Bend resistors at each end increase durability.
- The air hose has been tested rigorously, making this hose a great choice for air drills, ratchet wrenches, automotive repair shops, industrial facilities, etc







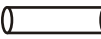




## Poly Air Hose

PolyAir Hose is fast becoming an idea choice for pneumatic applications. It combines the elasticity of rubber with the chemical resistance normally reserved for plastics. Poly Hose is a flexible, kink resistant and abrasion resistant hose commonly used in pneumatic control systems such roofing, flooring & interior works. It is easy to assemble on to fittings and has excellent hydrolytic stability.

Core	Polyurethane
Reinforcement	Single Braid of Synthetic Fiber
Cover	Polyurethane
Application	Designed for : Air Drills, Ratchet Wrenches, Automotive Repair Shops, Industrial Facilities, Etc
Temperature	Continuous : -30°F To 140°F

Part No.					
	ID	WP	BP	Fittings	Length
	Inch	Psi	Psi	NPT	Feet
ARKPH-1	1/4"	300	1200	1/4"	25,50,100
ARKPH-2	3/8"	300	1200	3/8", 1/4"	25,50,100



### AMATIC Poly Air Hose, Ultra Light, and Flexible





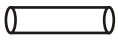
- Ultra-Lightweight and Flexible under extreme conditions and Temperatures
- Non-Marring and Easy to drag making it perfect for Roofers and Contractors
- Bend Restrictors for increased Hose life, Smooth, non-marring finish.
- 1/4" Solid Brass NPT connects to your tool or coupler quickly with a revolving function
- Bend Restrictor helps increase the longevity of the hose, 3 Year Limited Warranty



## PVC Air Hose

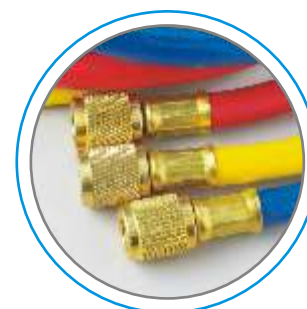
PVC Air Hoses are manufactured using thermoplastic PVC compound, which have properties similar to rubber compound to withstand high pressure and temperature conditions. PVC hoses are made from non-toxic ingredients. It is constructed with full weaving of synthetic yarn and with reinforcement in between two thermoplastic layers.

Core	PVC Compound
Reinforcement	Single Braid of Synthetic Fiber
Cover	PVC Compound
Application	Designed for : Air Drills, Ratchet Wrenches, Automotive Repair Shops, Industrial Facilities, Etc
Temperature	Continuous : -0°F To 120°F

Part No.					
	ID	WP	BP	Fittings	Length
	Inch	Psi	Psi	NPT	Feet
ARKPV-1	1/4"	300	1200	1/4"	25,50,100
ARKPV-2	3/8"	300	1200	3/8", 1/4"	25,50,100
ARKPV-3	1/2"	300	1200	3/8"	25,50,100

### AMATIC PVC Air Hose, Light Weight & Flexible

- Flexible under extreme conditions and temperatures.
- Weather, Oil & Solvent Resistant
- Lighter than Rubber Air Hoses
- Solid Brass 1/4-IN NPT Male Ends.
- 300 PSI W.P. 1200 PSI B.P.





## Couplers & Plugs

AMATIC air tool couplers and plugs deliver longer life and higher performance. These I/M Series Couplers and plugs are built to handle the toughest jobs and withstand harsh working environments. Constructed of corrosion resistant brass/steel. The quick coupler is rated for 150 PSI. Fits the most frequently used Industrial plugs from AMFLO, MILTON and TRU-FLATE.

### AMATIC Industrial "M" Type Coupler

- Solid Heavy-Duty Construction with Ball Locking Mechanism
- Nitrile Seals for optimum performance in extreme temperatures
- Industrial/ M-Style Interchange - Adapts to all Industrial/ M-Style plugs/nipples.
- Deep Knurled socket sleeve for positive gripping
- 1/4" Body Size

Description	Fittings
	NPT
Brass/Steel Male Industrial Coupler	1/4", 3/8"
Brass/Steel Female Industrial Coupler	1/4", 3/8"



### AMATIC Industrial "M" Type Plugs

- Solid Heavy-Duty Construction
- Optimal sealing and high efficiency with LOCTITE sealant on threads
- Industrial/ M-Style Interchange - Adapts to all Industrial/ M-Style Couplers
- 1/4" Body Size

Description	Fittings
	NPT
Brass/Steel Male Industrial Plug	1/4", 3/8"
Brass/Steel Female Industrial Plug	1/4", 3/8"







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