

Push-Lock Hose

This hose is designed for use with push-on fittings at working pressures of 300 PSI. It is used for low-pressure hydraulic and pneumatic systems such as shop air systems, general industrial, maintenance and automotive assembly applications. The hose construction is electrically non-conductive with a minimum resistance of one megaohm per inch at 1000 volts DC.

Typical Uses:

- Air tools
- Low pressure pneumatic systems
- Robotic welders
- Water, oil & mild chemical solutions

Not recommended for unleaded gasoline.

Markets:

- Automotive facilities
- Construction
- General industry
- Manufacturing
- Mining
- Plastic molding

Fittings/Hose Tails:

- PIRTEK push-lock series
- T series

**PIRTEK****PUSH-LOCK IRPLH-050 1/2"**

IRPLH PUSH-LOCK HOSE



Construction

Inner Tube:

Black, oil resistant Nitrile (NBR).

Reinforcement:

Single layer of high strength polyester yarn.

Cover:

Black, NBR PVC blended cover, abrasion resistant cover, resists oils and ozone weathering.

Applications

Hydraulic fluid, oil, air and water

Temperature Range:

Mineral oil: Min -04°F, continuous 152°F,

Max Intermittent 179°F.

Water: Min -04°F, continuous 122°F,

Max Intermittent 158°F.

Air: Min -04°F, continuous 122°F,

Max Intermittent 158°F.

Markets

Construction	Plastic molding
Mining	Automotive facilities
Manufacturing	General industry

Hose Tails:

PIRTEK push-lock series
T series

PIRTEK PUSH-LOCK IRPLH-050 1/2" (12.7mm) 300 PSI (20 BAR) W.P. NON CONDUCTIVE RMA CLASS A OIL RESISTANCE

Lay line example: White text on black. **Comment:** Lay line example may not be a true indication of current status. Refer to PIRTEK for current information.

Product Code	Nominal ID		Cover OD		Working Pressure		Minimum Bend Radius	
	ins	mm	ins	mm	PSI	Bar	ins	mm
IRPLH-025	1/4	6.4	0.50	12.7	300	20	2.50	65
IRPLH-038	3/8	9.5	0.63	16.0	300	20	3.0	77
IRPLH-050	1/2	12.7	0.75	19.1	300	20	5.0	126
IRPLH-063	5/8	15.9	0.91	23.1	300	20	6.0	153
IRPLH-075	3/4	19.1	1.08	27.4	300	20	7.0	179



This page is part of a complete catalog containing technical and safety data.
All data must be reviewed when selecting a product.
PIRTEK reserves the right to change technical specifications without notice.