

Superior Multi-Purpose Hose

This versatile, non-conductive multi-purpose industrial hose is designed to handle a diverse range of mediums including air, water, hydraulic fluid and petroleum oils. This hose is also used for the transfer of fuel such as gasoline (up to 50% aromatic content), diesel, ethanol blends E10 & E85 and light chemicals with pH above 5. The hose construction is electrically non-conductive with a minimum resistance of one megaohm per inch at 1000 volts DC. The Superior Multi-Purpose Industrial Hose covers a wide range of uses which is intended to minimize the assortment of hoses kept in stock.

Typical Uses:

- Air tools & compressors
- Water discharge
- Cooling lines
- Oils, gasoline & diesel transfer
- Herbicides & pesticides

Markets:

- Construction
- Manufacturing
- Automotive facilities
- Foundries
- Agriculture
- General industry

Fittings/Hose Tails:

- King combination nipple with clamps
- Bands and buckles
- Crimp rings



IRSMPH

SUPERIOR MULTI-PURPOSE HOSE



Construction

Inner Tube:

Smooth Class A NBR inner tube, oil resistant, aromatic content 50%.

Reinforcement:

Single layer of high strength polyester yarn.

Cover:

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

Applications

Hydraulic fluid, fuels, oil, air, water, light chemicals, pH above 5, diesel, light oils and petroleum oil products. Many types of oils. Fuels up to aromatic content 50% with E10, E85 and diesel fuel.

Temperature Range:

Mineral oil: Min -04°F, continuous 162°F,
Water: Min -04°F, continuous 122°F,
Max Intermittent 158°F.
Air: Min -04°F, continuous 122°,
Max Intermittent 158°F.

Markets

Construction Foundries
Agriculture Automotive facilities
Manufacturing General industry

Hose Tails:

King combination nipple with clamps
Band and buckles
Crimp rings

Specifications:

Non-conductive

PIRTEK SUPERIOR MULTI-PURPOSE IRSMPH-075 3/4" (19.1) 300 PSI (20 BAR) W.P. NON CONDUCTIVE RMA CLASS A OIL RESISTANCE

Lay line example: White inkjet text on red. **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
IRSMPH-025	1/4	6.4	0.51	13.0	300	20	1.97	50.0
IRSMPH-038	3/8	9.5	0.67	17.0	300	20	2.95	75.0
IRSMPH-050	1/2	12.7	0.83	21.1	300	20	3.93	100.0
IRSMPH-063	5/8	15.9	1.02	25.9	300	20	4.92	125.0
IRSMPH-075	3/4	19.1	1.14	29.0	300	20	6.10	155.0
IRSMPH-100	1	25.4	1.42	36.1	300	20	8.07	205.0
IRSMPH-125	1. 1/4	31.8	1.73	43.9	300	20	10.0	255.0
IRSMPH-150	1. 1/2	38.1	2.13	54.1	300	20	12.0	305.0

Note: Development in the small size hoses with the T-series and push-lock fittings are underway.



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.