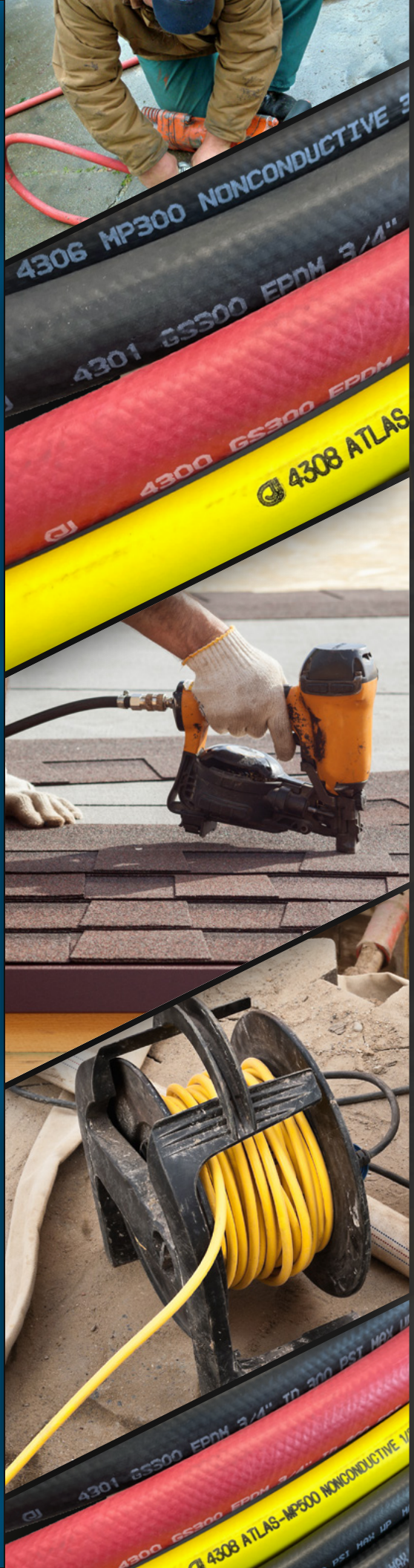


INDUSTRIAL HOSE

AIR / MULTIPURPOSE

4300, 4301
4306, 4308

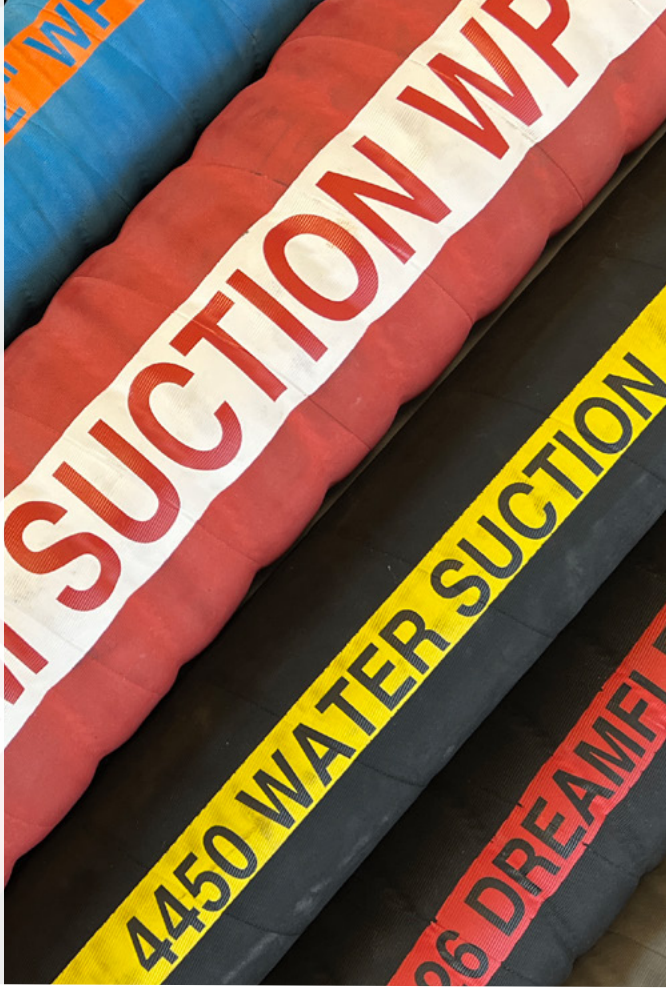
JASON® INDUSTRIAL

JASON INDUSTRIAL® an AMMEGA Group company offers a comprehensive portfolio of industrial hose, couplings and accessories along with hydraulic hose, fittings and crimping equipment to distributors throughout the Americas.

With corporate headquarters located in West Caldwell, NJ, Jason Industrial operates distributor centers throughout North, Central and South America.

As a Jason Industrial customer, you can feel confident in the quality and integrity of our products, the speed and efficiency at which they are delivered, and the expertise and customer focus that our local representatives are committed to providing.

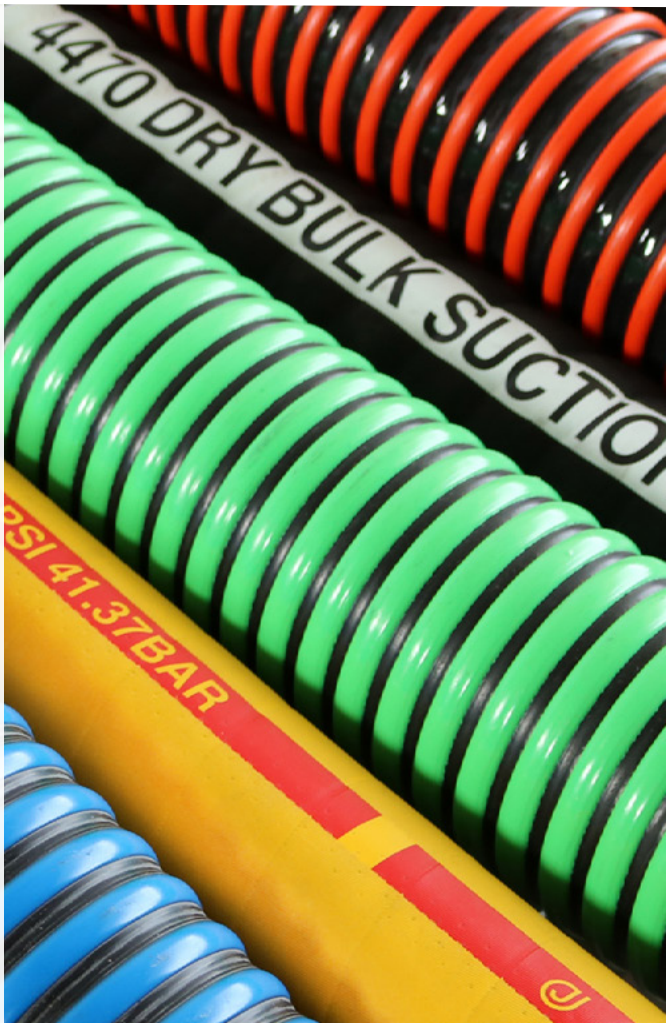
Welcome to Jason Industrial... the first name in fluid power rubber and PVC hose products and accessories.



—WE MAKE YOUR BUSINESS MOVE.

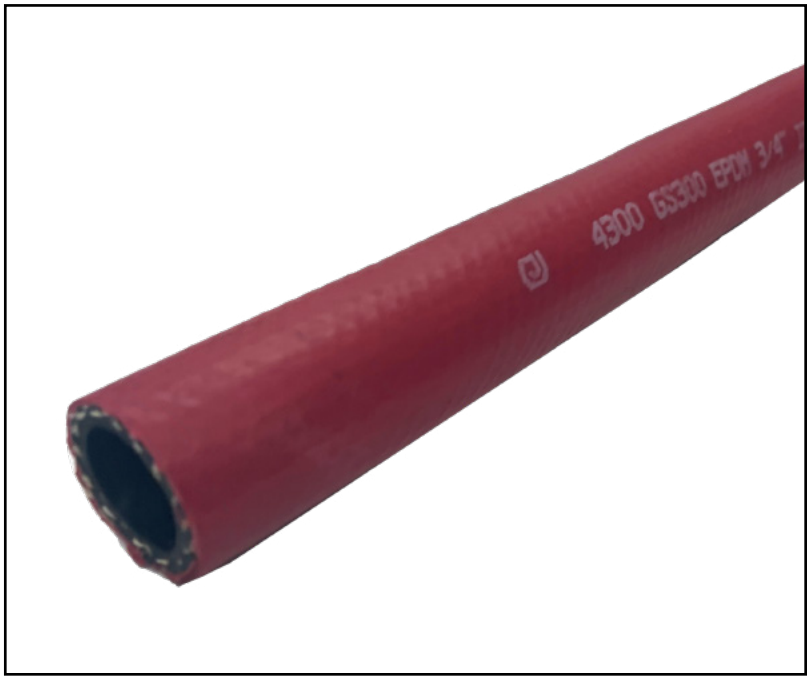
JASON® INDUSTRIAL

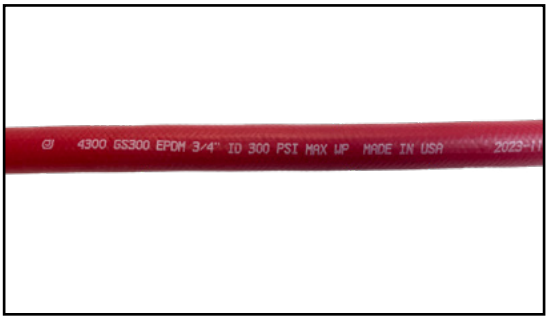
Scan the QR Code to view all of our resources at
www.JasonIndustrial.com

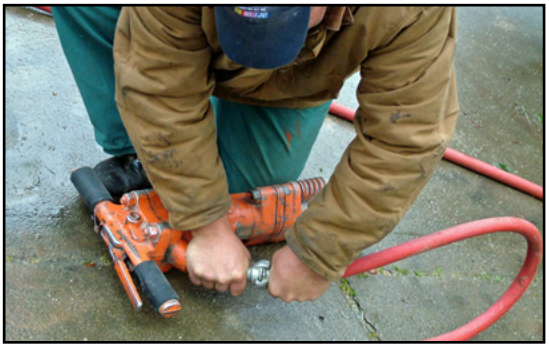


AIR/MULTIPURPOSE HOSE

4300 GENERAL SERVICE EPDM AIR/WATER - RED







CONSTRUCTION: EPDM tube, red EPDM cover, reinforcement is multiple spiral polyester yarn

TEMPERATURE: -40 °F (-40 °C) to 200 °F (+93 °C)

BRANDING: Jason logo 4300 GS300 EPDM [ID] 300 PSI MAX WP Made in USA* [Date code] - white ink on red cover (GS200 – 200 PSI MAX W.P. for sizes 1-1/4" to 2")

DESIGN FACTOR: 4:1

APPLICATION: General service air and water in industrial, ag, and construction applications

FEATURES:

- 80% one piece reels, less scrap
- abrasion and ozone resistant
- flexible and easy to handle

Part Number	I.D.		O.D.		Reinf. Braids	Max. W.P. @ 68° F		Weight		Minimum Bend Radius		Std. Length (ft.)
	inch	mm	inch	mm		PSI	BAR	lb./ft.	KG/m	inch	mm	
4300-0025-500	1/4"	6.35	0.50	12.70	2	300	20.7	0.08	0.12	1.50	38.10	500
4300-0031-500	5/16"	7.94	0.62	15.75	2	300	20.7	0.09	0.13	2.00	50.80	500
4300-0038-500	3/8"	9.53	0.69	17.53	2	300	20.7	0.15	0.22	2.25	57.15	500
4300-0050-500	1/2"	12.70	0.84	21.43	4	300	20.7	0.25	0.37	3.00	76.20	500
4300-0062-500	5/8"	15.88	1.00	25.40	4	300	20.7	0.30	0.45	3.75	95.25	500
4300-0075-500	3/4"	19.05	1.15	29.21	4	300	20.7	0.41	0.61	4.50	114.30	500
4300-0100-500	1"	25.40	1.43	36.20	4	300	20.7	0.51	0.76	7.00	177.80	500
4300-0125-400	1-1/4"	31.75	1.75	44.45	4	200	13.8	0.81	1.21	8.75	222.25	400
4300-0150-400	1-1/2"	38.10	2.00	50.80	4	200	13.8	0.89	1.34	10.50	266.70	400
4300-0200-250	2"	50.80	2.55	64.77	4	200	13.8	1.28	1.9	14.00	355.60	250

Working pressure (W.P.) is temperature dependent. See the General Information section Table II - Pressure Re-Rating for increased Temperatures in the Industrial Hose Guide for more information.

***Made in the USA of local and globally sourced materials.**

All sizes may not be stocked in all locations. Check with customer service for availability.

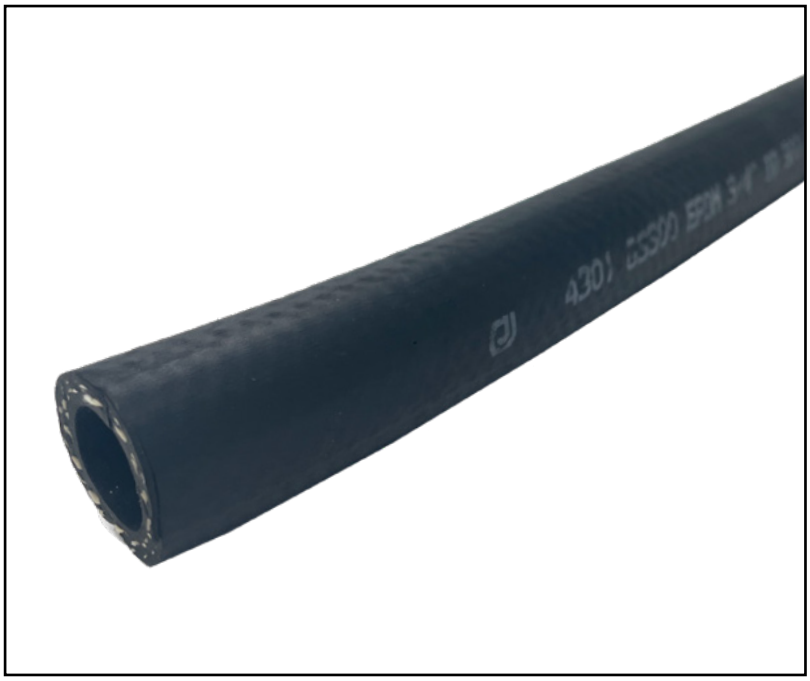
We disclaim any liability for use of our products in applications other than which they are designed.

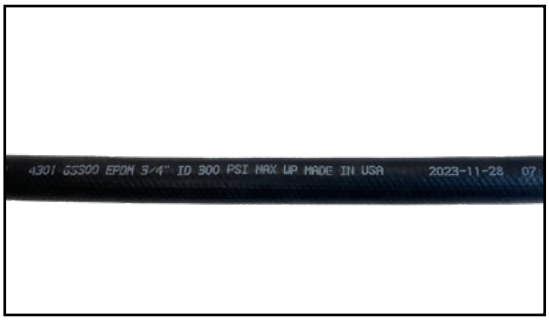
WARNING: This product can expose you to chemicals including carbon black, which is known to the State of California to cause cancer, birth defects or other reproductive harm. For more information visit www.P65WARNINGS.ca.gov

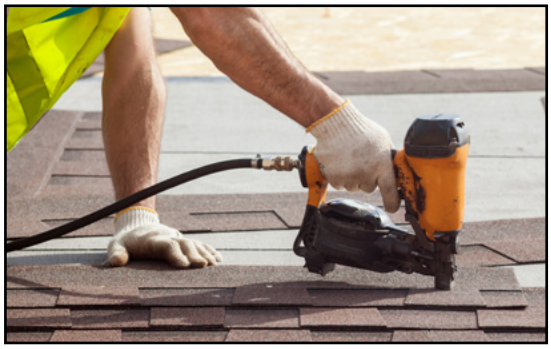
JASON INDUSTRIAL

AIR/MULTIPURPOSE HOSE

4301 GENERAL SERVICE EPDM AIR/WATER - BLACK







CONSTRUCTION: EPDM tube, black EPDM cover, reinforcement is multiple spiral polyester yarn

TEMPERATURE: -40 °F (-40 °C) to 200 °F (+93 °C)

BRANDING: Jason logo 4301 GS300 EPDM [ID] 300 PSI MAX WP Made in USA* [Date code] - white ink on black cover

DESIGN FACTOR: 4:1

APPLICATION: General service air and water in industrial, ag, and construction applications

FEATURES:

- 80% one piece reels, less scrap
- abrasion and ozone resistant
- flexible and easy to handle

Part Number	I.D.		O.D.		Reinf. Braids	Max. W.P. @ 68° F		Weight		Minimum Bend Radius		Std. Length (ft.)
	inch	mm	inch	mm		PSI	BAR	lb./ft.	KG/m	inch	mm	
4301-0025-500	1/4"	6.35	0.50	12.70	2	300	20.7	0.08	0.12	1.50	38.10	500
4301-0031-500	5/16"	7.94	0.62	15.75	2	300	20.7	0.09	0.13	2.00	50.80	500
4301-0038-500	3/8"	9.53	0.69	17.53	2	300	20.7	0.15	0.22	2.25	57.15	500
4301-0050-500	1/2"	12.70	0.84	21.43	4	300	20.7	0.25	0.37	3.00	76.20	500
4301-0062-500	5/8"	15.88	1.00	25.40	4	300	20.7	0.30	0.45	3.75	95.25	500
4301-0075-500	3/4"	19.05	1.15	29.21	4	300	20.7	0.41	0.61	4.50	114.30	500
4301-0100-500	1"	25.40	1.43	36.20	4	300	20.7	0.51	0.76	7.00	177.80	500

Working pressure (W.P.) is temperature dependent. See the General Information section Table II - Pressure Re-Rating for increased Temperatures in the Industrial Hose Guide for more information.

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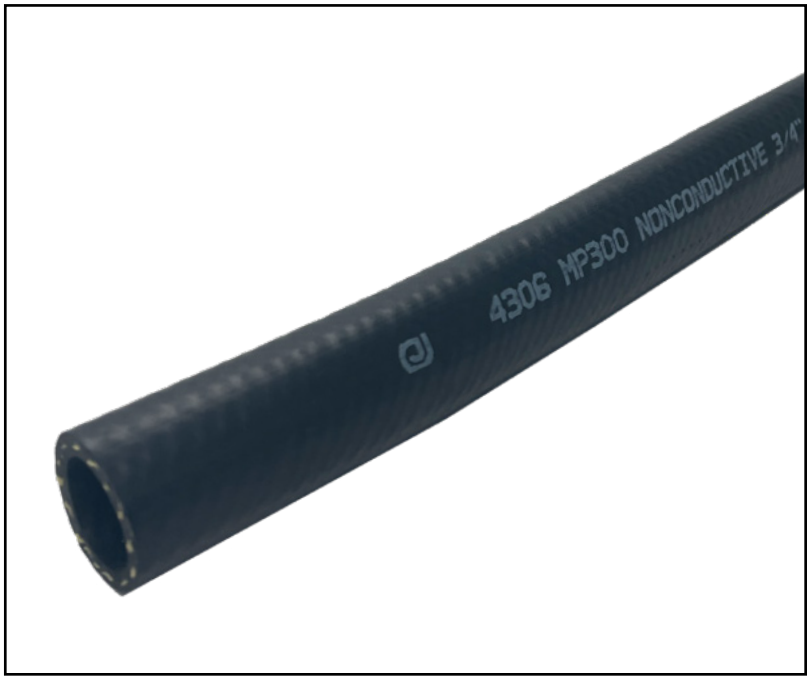
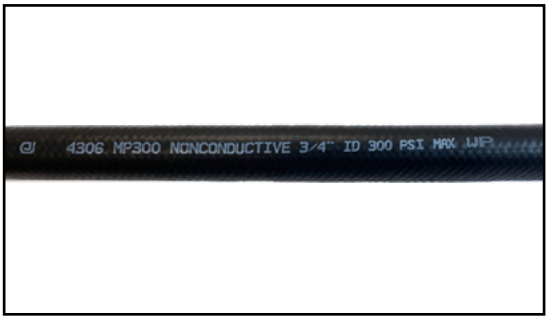
AIR/MULTIPURPOSE HOSE

JASON INDUSTRIAL

4306 MP300 MULTI-PURPOSE NBR NON-CONDUCTIVE





CONSTRUCTION: Nitrile ARPM Class A tube, Nitrile blend ARPM Class A cover, 4-spiral polyester yarn

TEMPERATURE: -20 °F (-29 °C) to 180 °F (+82 °C)

BRANDING: Jason logo 4306 MP300 NONCONDUCTIVE [ID] 300 PSI MAX WP Made in USA* [Date code] - white ink on black cover

DESIGN FACTOR: 4:1

APPLICATION: Wide variety of applications including metal processing, automotive, construction, and other applications where high level of nonconductivity required

FEATURES:

- Nonconductive, [Nonconductive rating] minimum of 1 megaohms per inch resistance when tested at 1000-volt D.C.
- 80% one piece reels, less scrap
- abrasion and ozone resistant
- flexible and easy to handle

Part Number	I.D.		O.D.		Reinf. Braids	Max. W.P. @ 68° F		Weight		Minimum Bend Radius		Std. Length (ft.)
	inch	mm	inch	mm		PSI	BAR	lb./ft.	KG/m	inch	mm	
4306-0025-500	1/4"	6.35	0.62	15.75	4	300	20.7	0.16	0.24	1.50	38.10	500
4306-0031-500	5/16"	8.00	0.68	17.14	4	300	20.7	0.18	0.26	1.89	48.00	500
4306-0038-500	3/8"	9.53	0.71	18.03	4	300	20.7	0.18	0.27	2.25	57.15	500
4306-0050-500	1/2"	12.70	0.84	21.34	4	300	20.7	0.25	0.37	3.00	76.20	500
4306-0075-500	3/4"	19.05	1.15	29.21	4	300	20.7	0.42	0.62	4.50	114.30	500
4306-0100-500	1"	25.40	1.43	36.20	4	300	20.7	0.63	0.94	7.00	177.80	500

Other colors are optional MTO with minimum run quantities required.

Working pressure (W.P.) is temperature dependent. See the General Information section Table II - Pressure Re-Rating for increased Temperatures in the Industrial Hose Guide for more information.

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All sizes may not be stocked in all locations. Check with customer service for availability.

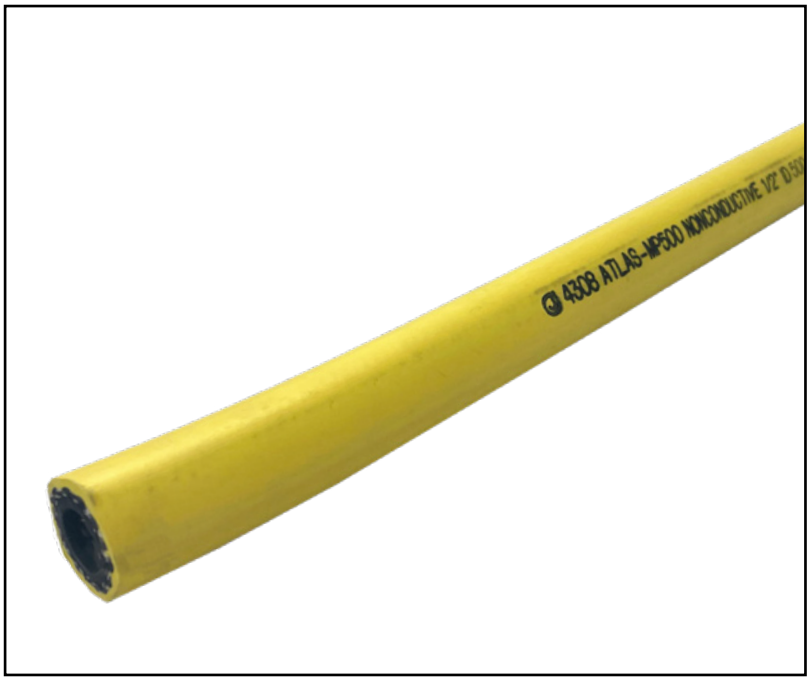
We disclaim any liability for use of our products in applications other than which they are designed.

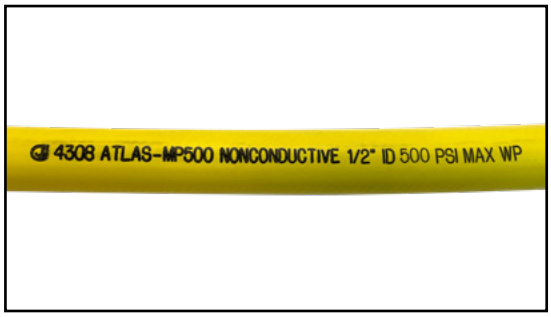
WARNING: This product can expose you to chemicals including carbon black, which is known to the State of California to cause cancer, birth defects or other reproductive harm. For more information visit www.P65WARNINGS.ca.gov

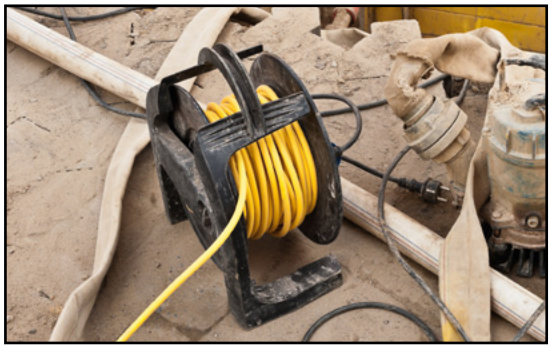
JASON INDUSTRIAL

AIR/MULTIPURPOSE HOSE

4308 ATLAS - MP500 NON-CONDUCTIVE MSHA - YELLOW







CONSTRUCTION: Nitrile ARPM Class A tube, Carboxylated Nitrile ARPM Class A cover, 4-spiral synthetic yarn

TEMPERATURE: -40 °F (-40 °C) to 212 °F (+100 °C)

BRANDING: Jason logo 4308 ATLAS MP500 NONCONDUCTIVE [ID] 500 PSI MAX WP MSHA 1C-114/1 Made in USA* [Date code] - black ink on yellow cover

DESIGN FACTOR: 4:1

APPLICATION: Wide variety of high pressure pneumatics and transfer of certain oil-based products and water, often found in construction, mining, industrial, and ag markets

FEATURES:

- MSHA 1C-114/1 Yellow Cover, Nonconductive, [Nonconductive rating] minimum of 1 megaohms per inch resistance when tested at 1000-volt D.C.
- 80% one piece reels, less scrap
- abrasion and ozone resistant
- flexible and easy to handle
- Uses Jason 12 Series Hose Couplings

Part Number	I.D.		O.D.		Reinf. Braids	Max. W.P. @ 68° F		Weight		Minimum Bend Radius		Std. Length (ft.)
	inch	mm	inch	mm		PSI	BAR	lb./ft.	KG/m	inch	mm	
4308-0025-500	1/4"	6.35	0.63	15.88	4	500	34.5	0.14	0.21	1.50	38.10	500
4308-0038-500	3/8"	9.53	0.75	19.05	4	500	34.5	0.21	0.31	2.25	57.15	500
4308-0050-500	1/2"	12.70	0.91	23.02	4	500	34.5	0.24	0.36	3.00	76.20	500
4308-0062-500	5/8"	15.88	0.98	24.89	4	500	34.5	0.26	0.39	3.75	95.25	500
4308-0075-500	3/4"	19.05	1.19	30.16	4	500	34.5	0.36	0.54	4.50	114.30	500
4308-0100-500	1"	25.40	1.50	38.10	4	500	34.5	0.51	0.76	7.00	177.80	500
4308-0125-400	1-1/4"	31.75	1.75	44.45	4	500	34.5	0.66	0.98	8.75	222.25	400

Working pressure (W.P.) is temperature dependent. See the General Information section Table II - Pressure Re-Rating for increased Temperatures in the Industrial Hose Guide for more information.

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CARE, MAINTENANCE & STORAGE OF HOSE

Hose has a limited life and the use must be alert to signs of impending failure, particularly when the conditions of service include high working pressures and/or the conveyance or containment of hazardous materials. The periodic inspection and testing procedures described here provide a schedule of specific measures which constitute a minimum level of user action to detect signs indicating hose deterioration or loss of performance before conditions leading to malfunction or failure are reached.

General instructions are also described for the proper storage of hose to minimize deterioration from exposure to elements or environments which are known to be deleterious to rubber products. Proper storage conditions can enhance and extend substantially the ultimate life of hose products.

General Care and Maintenance of Hose

SAFETY WARNING: Failure to properly follow the manufacturer's recommended procedures for the care, maintenance and storage of a particular hose might result in the failure to perform in the manner intended and might result in possible damage to property and serious bodily harm.

Hose should not be subjected to any form of abuse in service. It should be handled with reasonable care. Hose should not be dragged over sharp or abrasive surfaces unless specifically designed for such service. Care should be taken to protect hose from severe end loads for which the hose or hose assembly were not designed. Hose should be used at or below its rated working pressure; any changes in pressure should be made gradually so as not to subject the hose to excessive surge pressures. Hose should not be kinked or be run over by equipment. In handling the large size hose, dollies should be used whenever possible; slings or handling rigs, properly placed, should be used to support heavy hose used in oil suction and discharge service.

General Test & Inspection Procedures

An inspection and hydrostatic test should be made at periodic intervals to determine if a hose is suitable for continued service. A visual inspection of the hose should be made for loose covers, kinks, bulges, or soft spots which might indicate broken or displaced reinforcement. The couplings or fittings should be closely examined and, if there is any sign of movement of the hose from the couplings, the hose should be removed from service. The periodic inspection should include a hydrostatic test for one minute at 150% of the recommended working pressure of the hose. An exception to this would be the woven jacketed fire hose.* During the hydrostatic test, the hose should be straight, not coiled or in a kinked position. Water is the usual test medium and, following the test, the hose may be flushed with alcohol to remove traces of moisture. A regular schedule for testing should be followed and inspection records maintained.

Safety Warning: Before conducting any pressure tests on hose, provision must be made to ensure the safety of the personnel performing the tests and to prevent any possible damage to property. Only trained personnel using proper tools and procedures should conduct any pressure tests.

1. Air or any other compressible gas must never be used as the test media because of the explosive action of the gas should a failure occur. Such a failure might result in possible damage to property and serious bodily injury.

2. Air should be removed from the hose by bleeding it through an outlet valve while the hose is being filled with the test medium.

3. Hose to be pressure tested must be restrained by placing steel rods or straps close to each end and at approximate 10' (3m) intervals along its length to keep the hose from "whipping" if failure occurs; the steel rods or straps are to be anchored firmly to the test structure but in such a manner that they do not contact the hose which must be free to move.

4. The outlet end of hose is to be bulwarked so that a blown-out fitting will be stopped.

5. Provisions must be made to protect testing personnel from the forces of the pressure media if a failure occurs.

6. Testing personnel must never stand in front of or in back of the ends of a hose being pressure tested.

7. If liquids such as gasoline, oil, solvent, or other hazardous fluids are used as a test fluid, precautions must be taken to protect against fire or other damage should a hose assembly fail and the test liquid be sprayed over the surrounding area.

Storage

Rubber hose products in storage can be affected adversely by temperature, humidity, ozone, sunlight, oils, solvents, corrosive liquids and fumes, insects, rodents and radioactive materials.

The appropriate method for storing hose depends to a great extent on the size (diameter and length), the quantity to be stored, and the way in which it is packaged. Hose should not be piled or stacked to such an extent that the weight of the stack creates distortions on the lengths stored at the bottom.

Since hose products vary considerably in size, weight and length, it is not practical to establish definite recommendations on this point. Hose having a very light wall will not support as much load as could a hose having a heavier wall or hose having a wire reinforcement. Hose which is shipped in coils or bales should be stored so that the coils are in a horizontal plane.

Whenever feasible, rubber hose products should be stored in their original shipping containers, especially when such containers are wooden crates or cardboard cartons which provide some protection against the deteriorating effects of oils, solvents, and corrosive liquids; shipping containers also afford some protection against ozone and sunlight.

Certain rodents and insects will damage rubber hose products and adequate protection from them should be provided.

Cotton jacketed hose should be protected against fungal growths if the hose is to be stored for prolonged periods in humidity conditions in excess of 70%

The ideal temperature for storage of rubber product ranges from 50° to 70°F (10-21°C) with a maximum limit of 100°F (38°C). If stored below 32°F (0°C), some rubber products become stiff and would require warming before being placed in service. Rubber products should not be stored near sources of heat, such as radiators, base heaters, etc., nor should they be stored under conditions of high or low humidity.

To avoid adverse effects of high ozone concentration, rubber hose products should not be stored near electrical equipment that may generate ozone or be stored for any lengthy period in geographical areas of known high ozone concentration.

Hose should not be stored in locations where the ozone level exceeds the National Institute of Occupational Safety and Health's upper limit of 0.10 ppm. Exposure to direct or reflected sunlight-even through windows should also be avoided. Uncovered hose should not be stored under fluorescent or mercury lamps which generate light waves harmful to rubber.

Storage areas should be relatively cool and dark, and free from dampness and mildew. Items should be stored on a first-in, first-out basis, since even under the best of conditions, an unusually long shelf life could deteriorate certain rubber products.

*Woven jacket fire hose should be tested in accordance with the service test provisions contained in the current edition of the National Fire Protection Association Bulletin No. 1962 - Standard for the Care, Use and Service Testing of Fire Hose.

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