

# CHARLAND THERMOJET INC

Mixing units, wash down and hoses station

16350 blv. Gouin Ouest, Ste-Geneviève, Québec H9H 1E1

Toll free : 1-800-624-4709 (514) 624-4772 Fax : (514) 624-4776

Email : [info@charlandthermojet.com](mailto:info@charlandthermojet.com) Web: [www.charlandthermojet.com](http://www.charlandthermojet.com)

## CHARLAND THERMOJET HOSES FOR CLEANING TASKS WITH VERY HOT WATER



### 1580 SERIES

I. D. (in.)	O. D. (in.)	Tube (in.)	Ply	Cover (in.)	W. P. (PSI)	WT(p/ft)
1/2	0.96	3.32	2	1/16	150	0.34
5/8	1.13	3.32	2	3/32	150	0.46
3/4	1.26	3.32	2	3/32	150	0.52
1	1.55	1/8	2	3/32	150	0.72
1-1/4	1.80	1/8	2	3/32	150	0.87
1-1/2	2.10	1/8	2	1/8	150	1.11

**Tube** : White FDA SBR

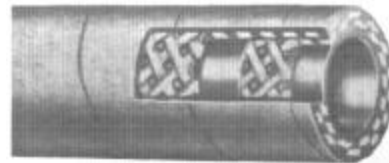
**Reinforcement** : Fabric reinforced 2 ply.

**Cover** : White or black FDA SRB abrasion resistant rubber.

**Maximum temperature** : 93 °C (200 °F)

#### Available colors :

- White
- Blue
- Black
- Red
- Gray



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## INDUSTRIAL EPDM HOSES FOR GENERAL PURPOSE

High quality industrial hoses for general applications. Perfect for transporting air or liquids depending on what is needed. Available in several sizes.



<b>Applications :</b>	General purpose for air or water line inside or outside.				
<b>Cover :</b>	Red smooth weather and abrasion resistant EPDM synthetic rubber.				
<b>Reinforcement :</b>	Multiple layers of synthetic yarns.				
<b>Tube :</b>	Synthetic oil mist resistant EPDM synthetic rubber.				
<b>Temperature :</b>	- 30 °C to 70 °C (-22 °F to 160 °F).				
<b>Nominal I. D.</b>	<b>Nominal O. D.</b>	<b>PSI</b>	<b>WT. (pound)</b>	<b>Standard pkg</b>	<b>Part number</b>
1/4"	0.55"	250	0.13	300'	GP-025-250
3/8"	0.71"	250	0.19	300'	GP-038-250
1/2"	0.87"	250	0.27	300'	GP-050-250
3/4"	1.16"	250	0.42	300'	GP-075-250
1"	1.42"	200	0.54	300'	GP-100-200
1-1/4"	1.73"	150	0.64	100'	GP-125-150
1-1/2"	2.05"	150	0.74	100'	GP-150-150
2"	2.60"	150	1.01	100'	GP-200-150
<b>Cut lengths :</b>	Plus 5%				
<b>Standard Lengths :</b>	1/4" – 1" 50' / 100' / 300'. 1-1/4" – 2" 50' / 100'.				
<b>Recommended couplings</b>	High pressure 1/2"-1" for air service if working pressure exceeds 150 PSI. High pressure, short shank, universal, or combination nipples for all other sizes, or if used in water service.				



For more information or any questions please contact us.

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## INDUSTRIAL POLYAIR HOSES

**Cover** : Red\*\* smooth weather and abrasion resistant PVC.

**Reinforcement** : Multiple layers of synthetic yarns.

**Tube** : Black oil resistant PVC blend.

**Applications** : Air, water, oils, dilute chemical, agricultural spray solutions, insecticides, animal fats

**Temperature range** : -25 °C to 65 °C (-15 °F to 150 °F).

I. D. (in.)	O. D. (in.)	Pressure (PSI)	WT (pound/100')	Part number
1/4	0.50	300	8	POLYA-025-**
5/16	0.63	300	13	POLYA-031-**
3/8	0.63	300	11	POLYA-038-**
1/2	0.81	300	18	POLYA-050-**
5/8	0.91	250	19	POLYA-063-**
3/4	1.13	250	30	POLYA-075-**
1	1.41	250	41	POLYA-100-**

**Standard lengths** : 1/4" – 1/2"- 500' reels, 5/8"-1"-300' reels.

\*\* Specify color required : **R**(red), **Y**(yellow), **BL**(blue), **G**(gray).

\* Working pressure is measured at 20 °C (68 °F), reduce pressure by 50% at maximum working temperature 65 °C (150 °F).

**Recommended couplings** : High pressure 1/2"-1" for air service if working pressure exceeds 150 PSI.  
High pressure, short shank, universal, or combination nipples for all other sizes, or if used in water service.

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## LOW TEMPERATURE TUNDRA PVC AIR HOSE

**Cover** : Yellow super abrasion resistant PVC / polyurethane.

**Reinforcement** : Multiple layers of synthetic yarns.

**Tube** : Heat, oil and chemical resistant PVC / polyurethane.

**Applications** : Where extreme flex resistance at low and high temperature is required.

Temperature : -40 °C to 85 °C (-40 °F to 185 °F).

I. D. (in.)	O. D. (in.)	Pressure (PSI)	WT. (pound/100')	Part number
1/4	0.500	300	7.4	TUNDRA-025
3/8	0.625	300	13.4	TUNDRA-038

**Standard lengths** : 500' reel.

**Cut lengths** : plus 5%.

**Recommended couplings** : Brass barbed attached with crimped on ferrules.