

Air/Multipurpose

VALUFLEX®/GS - RED

Valuflex®/GS is one of the most versatile general service air and water hoses available today. Featuring multiple plies of rubber, spiral reinforced polyester fiber and an EPDM tube and cover, it is both lightweight and flexible, and resists abrasion, heat and ozone, making it useful in various applications, including industrial, agriculture and construction. Valuflex is available in a wide variety of sizes and colors to provide constant working pressures of 150, 200, 250, or 300 psi and offer color coding for safety and operational improvement. Not recommended as a steam hose or where oil is present.



RESISTANCE



BRANDING

Thermoid Valuflex/GS Size PSI WP
Made In USA Month/Day/Year-DOM

Cover Color:	Red
Oil Resistance:	Limited
Construction:	
Tube:	EPDM
Cover:	EPDM
Reinforcement:	Spiral polyester yarn
Temperature Range:	-40°F to +200°F
Packaging:	-40°C to +93°C
	Reels or †50 ft. length – 1 per carton

Product Number	Nominal I.D. (inches)	(mm)	Nominal O.D. (inches)	(mm)	Reinforcement Spirals	Working Pressure (psi)	(Mpa)	Min. Bend Radius (inches)	(mm)	Weight (lb/ft)	(Kg/m)
00114503200▲	3/16	4.76	0.44	11.11	2	200	1.38	N/A	N/A	0.08	0.12
00114504100▲	1/4	6.35	0.49	12.45	2	150	1.03	1.50	38.10	0.08	0.12
00114504200	1/4	6.35	0.49	12.45	2	200	1.38	1.50	38.10	0.08	0.12
00114504300	1/4	6.35	0.50	14.22	2	250	1.72	1.50	38.10	0.08	0.12
00114504400	1/4	6.35	0.50	15.75	2	300	2.07	1.50	38.10	0.08	0.12
00114505200	5/16	7.94	0.58	14.73	2	200	1.38	2.00	50.80	0.09	0.13
00114505400	5/16	7.94	0.58	15.75	2	300	2.07	2.00	50.80	0.09	0.13
00114506100▲	3/8	9.53	0.69	17.53	2	150	1.03	2.25	57.15	0.15	0.22
00114506200	3/8	9.53	0.69	17.53	2	200	1.38	2.25	57.15	0.15	0.22
00114506251†	3/8	9.53	0.69	17.53	2	200	1.38	2.25	57.15	0.15	0.22
00114506300	3/8	9.53	0.69	17.53	2	250	1.72	2.25	57.15	0.15	0.22
00114506400	3/8	9.53	0.69	17.53	2	300	2.07	2.25	57.15	0.15	0.22
00114506451†	3/8	9.53	0.69	17.53	2	300	2.07	2.25	57.15	0.15	0.22
00114508100	1/2	12.70	0.81	20.64	2	150	1.03	3.00	76.20	0.20	0.30
00114508200	1/2	12.70	0.81	20.64	4	200	1.38	3.00	76.20	0.25	0.37
00114508300	1/2	12.70	0.84	21.43	4	250	1.72	3.00	76.20	0.25	0.37
00114508400	1/2	12.70	0.84	21.43	4	300	2.07	3.00	76.20	0.25	0.37
00114510100	5/8	15.88	0.93	23.62	4	150	1.03	3.75	95.25	0.24	0.36
00114510200	5/8	15.88	0.93	23.62	4	200	1.38	3.75	95.25	0.30	0.45
00114510300▲	5/8	15.88	1.00	25.40	4	250	1.72	3.75	95.25	0.30	0.45
00114510400	5/8	15.88	1.00	25.40	4	300	2.07	3.75	95.25	0.30	0.45
00114512100	3/4	19.05	1.12	28.45	4	150	1.03	4.50	114.30	0.34	0.51
00114512200	3/4	19.05	1.15	29.21	4	200	1.38	4.50	114.30	0.38	0.57
00114512251†	3/4	19.05	1.15	29.21	4	200	1.38	4.50	114.30	0.38	0.57
00114512500	3/4	19.05	1.15	29.21	4	250	1.72	4.50	114.30	0.38	0.57
00114512550†	3/4	19.05	1.15	29.21	4	250	1.72	4.50	114.30	0.38	0.57
00114512400	3/4	19.05	1.15	29.21	4	300	2.07	4.50	114.30	0.41	0.61
00114512451†	3/4	19.05	1.15	29.21	4	300	2.07	4.50	114.30	0.41	0.61
00114516200	1	25.40	1.37	34.80	4	150	1.03	7.00	177.80	0.43	0.64
00114516300	1	25.40	1.37	34.80	4	200	1.38	7.00	177.80	0.51	0.76
00114516400	1	25.40	1.43	36.20	4	300	1.38	7.00	177.80	0.51	0.76
00114520200	1-1/4	31.75	1.75	44.45	4	200	1.38	8.75	222.25	0.81	1.21
00114524200	1-1/2	38.10	2.00	50.80	4	200	1.38	10.50	266.70	0.89	1.34
00114532200	2	50.80	2.55	64.77	4	200	1.38	14.00	355.60	1.28	1.90

▲ = Make To Order (MTO)

† = 50 ft. length – 1 per carton

VALUFLEX®/GS - BLACK

Valuflex®/GS is one of the most versatile general service air and water hoses available today. Featuring multiple plies of rubber, spiral reinforced polyester fiber and an EPDM tube and cover, it is both lightweight and flexible, and resists abrasion, heat and ozone, making it useful in various applications, including industrial, agriculture and construction. Valuflex is available in a wide variety of sizes and colors to provide constant working pressures of 150, 200, 250, or 300 psi and offer color coding for safety and operational improvement. Not recommended as a steam hose or where oil is present.



RESISTANCE



BRANDING

Thermoid Valuflex/GS Size PSI WP
Made In USA Month/Day/Year-DOM

Cover Color:	Black
Oil Resistance:	Limited
Construction:	
Tube:	EPDM
Cover:	EPDM
Reinforcement:	Spiral polyester yarn
Temperature Range:	-40°F to +200°F
Packaging:	-40°C to +93°C
	Reels or †50 ft. length – 1 per carton

Product Number	Nominal I.D. (inches)	(mm)	Nominal O.D. (inches)	(mm)	Reinforcement Spirals	Working Pressure (psi)	(Mpa)	Min. Bend Radius (inches)	(mm)	Weight (lb/ft)	(Kg/m)
00114603200▲	3/16	4.76	0.44	11.11	2	200	1.38	N/A	N/A	0.07	0.11
00114604100▲	1/4	6.35	0.49	12.45	2	150	1.03	1.50	38.10	0.08	0.12
00114604200	1/4	6.35	0.49	12.45	2	200	1.38	1.50	38.10	0.08	0.12
00114604300▲	1/4	6.35	0.50	14.22	2	250	1.72	1.50	38.10	0.08	0.12
00114604400	1/4	6.35	0.50	15.75	2	300	2.07	1.50	38.10	0.08	0.12
00114605200	5/16	7.94	0.58	14.73	2	200	1.38	2.00	50.80	0.09	0.13
00114605400	5/16	7.94	0.58	15.75	2	300	2.07	2.00	50.80	0.09	0.13
00114606100▲	3/8	9.53	0.69	17.53	2	150	1.03	2.25	57.15	0.15	0.22
00114606200	3/8	9.53	0.69	17.53	2	200	1.38	2.25	57.15	0.15	0.22
00114606300▲	3/8	9.53	0.69	17.53	2	250	1.72	2.25	57.15	0.15	0.22
00114606400	3/8	9.53	0.69	17.53	2	300	2.07	2.25	57.15	0.15	0.22
00114608100	1/2	12.70	0.81	20.64	2	150	1.03	3.00	76.20	0.19	0.28
00114608200	1/2	12.70	0.81	20.64	4	200	1.38	3.00	76.20	0.24	0.36
00114608300▲	1/2	12.70	0.84	21.43	4	250	1.72	3.00	76.20	0.24	0.36
00114608400	1/2	12.70	0.84	21.43	4	300	2.07	3.00	76.20	0.24	0.36
00114610100	5/8	15.88	0.93	23.62	4	150	1.03	3.75	95.25	0.23	0.34
00114610200	5/8	15.88	0.93	23.62	4	200	1.38	3.75	95.25	0.29	0.43
00114610400	5/8	15.88	1.00	25.40	4	300	2.07	3.75	95.25	0.29	0.43
00114612100	3/4	19.05	1.12	28.45	4	150	1.03	4.50	114.30	0.33	0.49
00114612200	3/4	19.05	1.15	29.21	4	200	1.38	4.50	114.30	0.36	0.54
00114612251†▲	3/4	19.05	1.15	29.21	4	200	1.38	4.50	114.30	0.36	0.54
00114612300▲	3/4	19.05	1.15	29.21	4	250	1.72	4.50	114.30	0.36	0.54
00114612400	3/4	19.05	1.15	29.21	4	300	2.07	4.50	114.30	0.40	0.60
00114612454†▲	3/4	19.05	1.15	29.21	4	300	2.07	4.50	114.30	0.40	0.60
00114616100	1	25.40	1.37	34.80	4	150	1.03	7.00	177.80	0.41	0.61
00114616200	1	25.40	1.37	34.80	4	200	1.38	7.00	177.80	0.49	0.73
00114616400	1	25.40	1.43	36.32	4	300	2.07	7.00	177.80	0.49	0.73
00114620200	1-1/4	31.75	1.75	44.45	4	200	1.03	8.75	222.25	0.79	1.18
00114624200	1-1/2	38.10	2.00	50.80	4	200	1.03	10.50	266.70	0.90	1.34
00114632200	2	50.80	2.55	64.77	4	200	1.03	14.00	355.60	1.08	1.61

▲ = Make To Order (MTO)

† = 50 ft. length – 1 per carton

VALUFLEX®/GS - GREEN, YELLOW OR BLUE

Valuflex®/GS is one of the most versatile general service air and water hoses available today. Featuring multiple plies of rubber, spiral reinforced polyester fiber and an EPDM tube and cover, it is both lightweight and flexible, and resists abrasion, heat and ozone, making it useful in various applications, including industrial, agriculture and construction. Valuflex is available in a wide variety of sizes and colors to provide constant working pressures of 150, 200, 250, or 300 psi and offer color coding for safety and operational improvement. Not recommended as a steam hose or where oil is present.



RESISTANCE BRANDING



Thermoid Valuflex/GS Size PSI WP
Made In USA Month/Day/Year-DOM

Cover Color:	Green, Yellow or Blue
Oil Resistance:	Limited
Construction:	
Tube:	EPDM
Cover:	EPDM
Reinforcement:	Spiral polyester yarn
Temperature Range:	-40°F to +200°F
Packaging:	-40°C to +93°C
	Reels or †50 ft. length – 1 per carton

Product Number	Nominal I.D. (inches) (mm)		Nominal O.D. (inches) (mm)		Reinforcement Spirals	Working Pressure (psi) (Mpa)		Min. Bend Radius (inches) (mm)		Weight (lb/ft) (Kg/m)	
Green											
00114806300	3/8	9.53	0.69	17.53	2	250	1.73	2.25	57.15	0.18	0.27
00114808300	1/2	12.70	0.84	21.34	4	250	1.73	3.00	76.20	0.25	0.37
00114808400▲	1/2	12.70	0.84	21.34	4	300	2.07	3.00	76.20	0.25	0.37
00114812500	3/4	19.05	1.15	29.21	4	250	1.73	4.50	114.30	0.37	0.55
00114812400	3/4	19.05	1.15	29.21	4	300	2.07	4.50	114.30	0.41	0.61
00114812551†	3/4	19.05	1.15	29.21	4	250	1.73	4.50	114.30	0.37	0.55
00114812455†▲	3/4	19.05	1.15	29.21	4	300	2.07	4.50	114.30	0.41	0.61
00114816300▲	1	25.40	1.43	36.20	4	250	1.73	7.00	177.80	0.54	0.80
00114816400	1	25.40	1.43	36.20	4	300	2.07	7.00	177.80	0.54	0.80
Yellow											
00114912356▲	3/4	19.05	1.15	29.21	4	250	1.73	4.50	114.30	0.37	0.55
00114912351†▲	3/4	19.05	1.15	29.21	4	250	1.73	4.50	114.30	0.37	0.55
Blue											
00115008300▲	1/2	12.70	0.84	21.43	4	250	1.73	3.00	76.20	0.25	0.37
00115012300	3/4	19.05	1.15	29.21	4	250	1.73	4.50	114.30	0.37	0.55
00115012355†	3/4	19.05	1.15	29.21	4	250	1.73	4.50	114.30	0.37	0.55
00115016300▲	1	25.40	1.43	36.20	4	250	1.73	7.00	177.80	0.54	0.80

▲ = Make To Order (MTO)

† = 50 ft. length – 1 per carton

MAINLINER®

The Mainliner® air and multipurpose hose is designed to handle the oily mists used to lubricate pneumatic tools. Featuring a medium oil-resistant tube with multi-spiral polyester reinforcement, the hose remains flexible even in extreme temperatures. Its durable cover resists abrasion, cracking, weathering and ozone. Mainliner offers constant working pressures of 200, 250 and 300 psi.



RESISTANCE



BRANDING

Thermoid Mainliner Size PSI WP
Made In USA

Not recommended for handling fuels

Cover Color:	Red
Oil Resistance:	Medium
Construction:	
Tube:	EPDM, RMA Class C
Cover:	EPDM - Limited
Reinforcement:	Spiral polyester yarn
Temperature Range:	-40°F to +200°F
Packaging:	-40°C to +93°C
	Reels or †50 ft. length – 1 per carton

Product Number	Nominal I.D. (inches)	(mm)	Nominal O.D. (inches)	(mm)	Reinforcement Spirals	Working Pressure (psi)	(Mpa)	Min. Bend Radius (inches)	(mm)	Weight (lb/ft)	(Kg/m)
00225504200▲	1/4	6.35	0.50	12.70	2	200	1.38	1.50	38.10	0.09	0.13
00225504400	1/4	6.35	0.50	12.70	2	300	2.07	1.50	38.10	0.15	0.22
00225505400	5/16	7.94	0.62	15.75	4	300	2.07	2.00	50.80	0.14	0.21
00225506200▲	3/8	9.53	0.69	17.53	2	200	1.38	2.25	57.15	0.15	0.22
00225506400	3/8	9.53	0.69	17.53	2	300	2.07	2.25	57.15	0.18	0.27
00225508200▲	1/2	12.70	0.81	20.64	2	200	1.38	3.00	76.20	0.19	0.28
00225508400	1/2	12.70	0.84	21.34	4	300	2.07	3.00	76.20	0.25	0.37
00225510400	5/8	15.88	1.00	25.40	4	300	2.07	3.75	95.25	0.30	0.45
00225512300	3/4	19.05	1.15	29.21	4	250	1.72	4.50	114.30	0.37	0.55
00225512351†▲	3/4	19.05	1.15	29.21	4	250	1.72	4.50	114.30	0.37	0.55
00225512400	3/4	19.05	1.15	29.21	4	300	2.07	4.50	114.30	0.37	0.55
00225512451†▲	3/4	19.05	1.15	29.21	4	300	2.07	4.50	114.30	0.37	0.55
00225516200▲	1	25.40	1.37	34.80	4	200	1.38	7.00	177.80	0.42	0.62
00225516400	1	25.40	1.43	36.20	4	300	2.07	7.00	177.80	0.50	0.74
00225520200	1-1/4	31.75	1.75	44.45	4	200	1.38	8.75	222.25	0.81	1.21
00225524200	1-1/2	38.10	2.00	50.80	4	200	1.38	10.50	266.70	0.94	1.40
00225532200	2	50.80	2.55	64.77	4	200	1.38	14.00	355.60	1.12	1.67

▲ = Make To Order (MTO)

† = 50 ft. length – 1 per carton

AIRFLEX™

Airflex™ hose is the quality choice for any application where a medium oil resistant tube is needed to lubricate air tools. Airflex™ has a working pressure to 300 psi in a full range of sizes from 1/4" I.D. to 3/4" I.D. It has a durable 4-spiral construction and a highly visible yellow cover that is weather, ozone and abrasion resistant.



RESISTANCE



BRANDING

Thermoid Size WP Airflex
Made In USA

Cover Color:	Yellow
Oil Resistance:	Medium
Construction:	
Tube:	EPDM, RMA Class C
Cover:	EPDM - Limited
Reinforcement:	Spiral polyester yarn
Temperature Range:	-40°F to +200°F
Packaging:	-40°C to +93°C
	Reels or †50 ft. length – 1 per carton

Product Number	Nominal I.D.		Nominal O.D.		Reinforcement Spirals	Working Pressure		Min. Bend Radius		Weight	
	(inches)	(mm)	(inches)	(mm)		(psi)	(Mpa)	(inches)	(mm)	(lb/ft)	(Kg/m)
00235504400▲	1/4	6.35	0.62	15.75	4	300	2.07	1.50	38.10	0.15	0.22
00235506400	3/8	9.53	0.69	17.53	4	300	2.07	2.25	57.15	0.18	0.27
00235508400	1/2	12.70	0.84	21.34	4	300	2.07	3.00	76.20	0.25	0.37
00235512400	3/4	19.05	1.15	29.21	4	300	2.07	4.50	114.30	0.37	0.55
00235512451†	3/4	19.05	1.15	29.21	4	300	2.07	4.50	114.30	0.37	0.55
00235516400	1	25.40	1.43	36.20	4	300	2.07	7	177.80	0.54	0.80

▲ = Make To Order (MTO)

† = 50 ft. length – 1 per carton

DURA-RED™

Dura-Red™ is the premium non-conductive multipurpose hose that handles oil mist, air, water and mild chemicals. While not recommended for fuels, Dura-Red™ meets the electrical resistance portion of the Alcoa Potroom air and water specs (30.4.2), and features 4-spiral, 300 psi construction to handle harsh applications.



RESISTANCE  
BRANDING Thermoid Dura-Red™
 Non-conductive Size PSI WP
 Made In USA

Cover Color: Red
Oil Resistance: Medium
Construction: Non-conductive
Tube: EPDM, RMA Class C
Cover: EPDM Class C
Reinforcement: Spiral polyester yarn
Temperature Range: -40°F to +200°F
Packaging: -40°C to +93°C
 Packaging: Reels or †50 ft. length –
 1 per carton (3/4" I.D. only)

Product Number	Nominal I.D.		Nominal O.D.		Reinforcement Spirals	Working Pressure		Min. Bend Radius		Weight	
	(inches)	(mm)	(inches)	(mm)		(psi)	(Mpa)	(inches)	(mm)	(lb/ft)	(Kg/m)
00275504400▲	1/4	6.35	0.62	15.75	4	300	2.07	1.50	38.10	0.16	0.24
00275506400	3/8	9.53	0.71	18.03	4	300	2.07	2.25	57.15	0.18	0.27
00275508400	1/2	12.70	0.84	21.34	4	300	2.07	3.00	76.20	0.25	0.37
00275512400	3/4	19.05	1.15	29.21	4	300	2.07	4.50	114.30	0.38	0.57
00275516400	1	25.40	1.43	36.20	4	300	2.07	7.00	177.80	0.51	0.76

▲ = Make To Order (MTO)
 † = 50 ft. length – 1 per carton

MAXECON™/GP

Maxecon™ is a versatile general purpose air and water service hose that can be used across all industries. It is incredibly durable and flexible, ideal for uses in mining, steel and petroleum applications. It is non-conductive and offers a medium-high oil resistance, as well as dependable performance with two working pressures: 250 or 300 psi in varying sizes up to 1-1/2" I.D. Not recommended for fuel applications.

It is tested to have a minimum of 1,000,000 ohms per inch resistance when tested with a 1,000 volt D.C. meggar.



RESISTANCE



BRANDING

Thermoid Maxecon /GP
Non-conductive Size PSI WP
Made In USA

Cover Color:	Red
Oil Resistance:	Cover (Medium) – Tube (High)
Construction:	Non-conductive
Tube:	Nitrile blend, RMA Class A
Cover:	Nitrile blend, RMA Class B
Reinforcement:	Spiral polyester yarn
Temperature Range:	-20°F to +160°F or 180°F (intermittent)
Packaging:	-29°C to +71°C or 82°C (intermittent) Reels or †50 ft. length

Product Number	Nominal I.D.		Nominal O.D.		Reinforcement Spirals	Working Pressure		Min. Bend Radius		Weight	
	(inches)	(mm)	(inches)	(mm)		(psi)	(Mpa)	(inches)	(mm)	(lb/ft)	(Kg/m)
00336504300	1/4	6.35	0.50	12.70	2	250	1.72	1.50	38.10	0.08	0.12
00336504400	1/4	6.35	0.62	15.75	4	300	2.07	1.50	38.10	0.13	0.19
00336505300	5/16	7.94	0.63	15.88	2	250	1.72	2.00	50.80	0.14	0.21
00336506300	3/8	9.53	0.69	17.53	4	250	1.72	2.25	57.15	0.17	0.25
00336506400	3/8	9.53	0.69	17.53	4	300	2.07	2.25	57.15	0.17	0.25
00336508300	1/2	12.70	0.84	21.34	4	250	1.72	3.00	76.20	0.24	0.36
00336508400	1/2	12.70	0.84	21.34	4	300	2.07	3.00	76.20	0.24	0.36
00336510400	5/8	15.88	1.00	25.40	4	300	2.07	3.75	95.25	0.28	0.42
00336512300	3/4	19.05	1.15	29.21	4	250	1.72	4.50	114.30	0.36	0.54
00336512400	3/4	19.05	1.15	29.21	4	300	2.07	4.50	114.30	0.40	0.60
00336516300	1	25.40	1.43	36.20	4	250	1.72	7.00	177.80	0.49	0.73
00336516400	1	25.40	1.43	36.20	4	300	2.07	7.00	177.80	0.58	0.86
00336520300	1-1/4	31.75	1.78	45.24	4	250	1.72	8.75	222.25	0.78	1.16
00336524300	1-1/2	38.10	2.03	51.59	4	250	1.72	10.50	266.70	0.90	1.34

† = 50 ft. length –1 per carton

VERSICON®

Versicon® is designed to stand up to the tough working conditions found in shipyards, steel processing automotive plants and construction industries, as well as aluminum reduction and other applications where a high degree of electrical non-conductivity is required. Its spiral polyester reinforcing cords provide strength and flexibility even in extreme temperatures, and its NBR tube and synthetic cover can convey oil, diesel, kerosene, fuel oil and other petroleum based products while resisting oil, solvents, cracking, abrasion and ozone. It provides a constant pressure of either 250 or 300 psi 1/4" through the 1-1/2" sizes. Not recommended for a variety of unleaded gasoline.

It is tested to have a minimum of 1,000,000 ohms per inch resistance when tested with a 1,000 volt D.C. meggar.



RESISTANCE



BRANDING

Thermoid Versicon
Non-conductive Size WP
Made In USA

Cover Color:	Red
Oil Resistance:	High
Construction:	Non-conductive
Tube:	NBR, RMA Class A
Cover:	Nitrile/PVC Class A
Reinforcement:	Spiral polyester yarn
Temperature Range:	-20°F to +180°F -29°C to +82°C
Packaging:	Reels

Product Number	Nominal I.D.		Nominal O.D.		Reinforcement Spirals	Working Pressure		Min. Bend Radius		Weight	
	(inches)	(mm)	(inches)	(mm)		(psi)	(Mpa)	(inches)	(mm)	(lb/ft)	(Kg/m)
00447504400	1/4	6.35	0.62	15.75	4	300	2.07	1.50	38.10	0.16	0.24
00447506400	3/8	9.53	0.69	17.53	4	300	2.07	2.25	57.15	0.18	0.27
00447508400	1/2	12.70	0.84	21.34	4	300	2.07	3.00	76.20	0.25	0.37
00447512400	3/4	19.05	1.15	29.21	4	300	2.07	4.50	114.30	0.42	0.62
00447516400	1	25.40	1.43	36.20	4	300	2.07	7.00	177.80	0.63	0.94
00447520300	1-1/4	31.75	1.78	45.24	4	250	1.72	8.75	222.25	0.81	1.21
00447524300	1-1/2	38.10	2.03	51.59	4	250	1.72	10.50	266.70	0.95	1.41

MAXECON™ PLUS

Maxecon™ Plus is rated high in oil resistance and can be used to convey oil, fuel oil, diesel, kerosene and other petroleum derived products in mining, steel and petroleum industrial applications. It has a working pressure of 300 psi to 1" I.D. and features a durable oil and solvent resistant brown cover capable of standing up to abrasion, weathering and ozone. Not recommended for a variety of unleaded gasoline.

It is tested to have a minimum of 1,000,000 ohms per inch resistance when tested with a 1,000 volt D.C. meggar.



RESISTANCE



BRANDING

Thermoid Versicon/Maxecon Plus
Non-conductive Size WP
Made In USA

Cover Color:	Brown
Oil Resistance:	High
Construction:	Non-conductive
Tube:	NBR, RMA Class A
Cover:	NBR/PVC RMA Class A
Reinforcement:	Spiral polyester yarn
Temperature Range:	-20°F to +180°F -29°C to +82°C
Packaging:	Reels

Product Number	Nominal I.D.		Nominal O.D.		Reinforcement Spirals	Working Pressure		Min. Bend Radius		Weight	
	(inches)	(mm)	(inches)	(mm)		(psi)	(Mpa)	(inches)	(mm)	(lb/ft)	(Kg/m)
00447404400	1/4	6.35	0.62	15.75	4	300	2.07	1.50	38.10	0.16	0.24
00447406400	3/8	9.53	0.71	18.03	4	300	2.07	2.25	57.15	0.18	0.27
00447408400	1/2	12.70	0.84	21.34	4	300	2.07	3.00	76.20	0.25	0.37
00447412400	3/4	19.05	1.15	29.21	4	300	2.07	4.50	114.30	0.42	0.62
00447416400	1	25.40	1.43	36.20	4	300	2.07	7.00	177.80	0.61	0.91

BLACK MAX® M.R.O.

The Black Max® M.R.O. features a fuel line quality that will convey oil, fuel oil, diesel, kerosene and other petroleum derived products, while its tough, black cover resists oils and solvents, as well as weathering, ozone and abrasion. It is tested to have a minimum of 1,000,000 ohms per inch resistance when tested with a 1,000 volt D.C. meggar.

Not recommended for a variety of unleaded gasoline.



RESISTANCE 
BRANDING Thermoid Versicon/Black Max
 MRO Non-conductive Size WP
 Made In USA

Cover Color: Black
Oil Resistance: High
Construction: Non-conductive
Tube: NBR, RMA Class A
Cover: NBR/PVC RMA Class A
Reinforcement: Spiral polyester yarn
Temperature Range: -20°F to +180°F
 -29°C to +82°C
Packaging: Reels

Product Number	Nominal I.D.		Nominal O.D.		Reinforcement Spirals	Working Pressure		Min. Bend Radius		Weight	
	(inches)	(mm)	(inches)	(mm)		(psi)	(Mpa)	(inches)	(mm)	(lb/ft)	(Kg/m)
00447604400▲	1/4	6.35	0.62	15.75	4	300	2.07	1.50	38.10	0.16	0.24
00447606400▲	3/8	9.53	0.71	18.03	4	300	2.07	2.25	57.15	0.18	0.27
00447608400▲	1/2	12.70	0.84	21.34	4	300	2.07	3.00	76.20	0.25	0.37
00447612400▲	3/4	19.05	1.15	29.21	4	300	2.07	4.50	114.30	0.42	0.62
00447616400▲	1	25.40	1.43	36.20	4	300	2.07	7.00	177.80	0.60	0.89

▲ = Make To Order (MTO)

GOLDENAIR®

The Goldenair® is the quality general purpose, non-conductive hose choice for air, petroleum products and nitrogen service. Designed for the harsh conditions found in steel mills, shipyards, foundries, auto plants and construction sites, Goldenair® resists weathering, ozone and abrasion. It provides a constant working pressure to 350 psi in 3/4" size and is kink resistant.

Not recommended for a variety of unleaded gasoline.

It is tested to have a minimum of 1,000,000 ohms per inch resistance when tested with a 1,000 volt D.C. meggar.



RESISTANCE



BRANDING

Thermoid Versicon/Goldenair
Non-conductive Size PSI WP
Made In USA (For Nitrogen Use)

Cover Color:	Yellow
Oil Resistance:	High
Construction:	Non-conductive
Tube:	NBR, RMA Class A
Cover:	NBR/PVC RMA Class A
Reinforcement:	Spiral polyester yarn
Temperature Range:	-20°F to +180°F -29°C to +82°C
Packaging:	Reels

Product Number	Nominal I.D.		Nominal O.D.		Reinforcement Spirals	Working Pressure		Min. Bend Radius		Weight	
	(inches)	(mm)	(inches)	(mm)		(psi)	(Mpa)	(inches)	(mm)	(lb/ft)	(Kg/m)
00447312600	3/4	19.05	1.15	29.21	4	350	2.41	4.50	114.30	0.38	0.57
00447316400	1	25.40	1.43	36.20	4	300	2.07	7.00	177.80	0.61	0.91

AIR POWER™ JACKHAMMER

This durable, rugged hose can tackle the job that only a jackhammer can dish out. It features a 4-spiral construction available in 200, 250 or 300 psi, and an EPDM tube and cover that handles heat, ozone and weather cracking better than other compounds. Domestic or foreign manufactured crimped steel fittings available.



RESISTANCE 
BRANDING Thermoid Air Power 3/4"
 Made In USA

Cover Color: Red (also available in yellow)
Oil Resistance: Limited
Construction:
 Tube: EPDM
 Cover: EPDM
 Reinforcement: Spiral polyester yarn
Temperature Range: -40°F to +200°F
 -40°C to +93°C
Packaging: 3/4" Sold 28 lengths per carton/pallet
 1" Sold 20 lengths per carton/pallet

Product Number	Nominal I.D.		Nominal O.D.		Reinforcement Spirals	Working Pressure		Min. Bend Radius		Weight	
	(inches)	(mm)	(inches)	(mm)		(psi)	(Mpa)	(inches)	(mm)	(lb/ft)	(Kg/m)
00114562258	3/4	19.05	1.15	29.21	4	200	1.38	4.50	114.30	0.38	0.57
00114562558	3/4	19.05	1.15	29.21	4	250	1.38	4.50	114.30	0.38	0.57
00114562458	3/4	19.05	1.15	29.21	4	300	2.07	4.50	114.30	0.41	0.61
00114566358	1	25.40	1.37	34.80	4	200	1.38	7	177.80	0.51	0.76

AIR/MULTIPURPOSE Coupled

RED AIR TOOL COUPLED

This tough, versatile factory coupled air hose is specifically designed to stand up to the harsh working conditions found on most project construction sites and industrial environments. Available in either 200 or 300 psi working pressures, this air hose can be cut to lengths and is coupled with Male x Male fittings with 1/4" or 3/8" threads per customer requirements.



RESISTANCE



BRANDING

Thermoid Air Power Size WP 4 SP
Made In USA

Cover Color:	Red
Oil Resistance:	Limited
Construction:	
Tube:	EPDM
Cover:	EPDM
Reinforcement:	Spiral polyester yarn
Temperature Range:	-40°F to +200°F -40°C to +93°C
Packaging:	Contact Customer Service

Product Number	Nominal I.D.		Nominal O.D.		Reinforcement Spirals	Working Pressure		Lengths	
	(inches)	(mm)	(inches)	(mm)		(psi)	(Mpa)	(feet)	(meters)
00114586454▲	1/4	6.35	0.49	12.45	4	200	1.38	50	15.25
00114587454▲	1/4	6.35	0.62	15.75	4	300	2.07	50	15.25
00114586624▲	3/8	9.53	0.68	17.27	4	200	1.38	25	7.62
00114587624▲	3/8	9.53	0.71	18.03	4	300	2.07	25	7.62
00114587628▲	3/8	9.53	0.71	18.03	4	300	2.07	25	7.62
00114586654▲	3/8	9.53	0.68	17.27	4	200	1.38	50	15.25
00114586658▲	3/8	9.53	0.68	17.27	4	200	1.38	50	15.25
00114587654	3/8	9.53	0.71	18.03	4	300	2.07	50	15.25
00114587658▲	3/8	9.53	0.71	18.03	4	300	2.07	50	15.25

▲ = Make To Order (MTO)

FLEX-LOC™ PUSH-ON

Flex-Loc™ is a highly oil-resistant push-on hose with a 250 psi working pressure, designed for safe and reliable performance in the most demanding and harsh working conditions. It allows push-on fittings to be inserted into place easily and quickly without the need for special crimping tools are required. Its tube and cover make it effective for industrial, warehouse and other applications where a convenient push-on hose fitting could be used.

Not recommended for unleaded gasoline.



RESISTANCE

BRANDING Size WP – Flex-Loc – Made In USA

Cover Color:	Black, Blue, Gray, Red, Green or Yellow
Oil Resistance:	High
Construction:	
Tube:	Nitrile, RMA Class A
Cover:	Nitrile/PVC RMA Class A
Reinforcement:	Spiral polyester
Temperature Range:	-20°F to +180°F -29°C to +82°C
Packaging:	Reels 500 - 700 ft. or 250 ft.

Product Number (500 - 700 ft. reels)	Product Number (250 ft. reels)	Nominal I.D. (inches) (mm)		Nominal O.D. (inches) (mm)		Reinforcement Spirals	Working Pressure (psi) (Mpa)		Min. Bend Radius (inches) (mm)		Weight (lb/ft) (Kg/m)	
Black	Black											
00338404300	00338404398	1/4	6.35	0.50	12.70	2	250	1.72	1.50	38.10	0.09	0.13
00338406300	00338406398	3/8	9.53	0.63	15.88	2	250	1.72	2.25	57.15	0.12	0.18
00338408300	00338408398	1/2	12.70	0.75	19.05	2	250	1.72	3.00	76.20	0.16	0.24
00338410300	00338410398	5/8	15.88	0.91	23.02	2	250	1.72	3.75	95.25	0.22	0.33
00338412300	00338412398	3/4	19.05	1.03	26.19	2	250	1.72	4.50	114.30	0.25	0.37
Blue	Blue											
00338504300	00338504398▲	1/4	6.35	0.50	12.70	2	250	1.72	1.50	38.10	0.09	0.13
00338506300	00338506398	3/8	9.53	0.63	15.88	2	250	1.72	2.25	57.15	0.12	0.18
00338508300	00338508398▲	1/2	12.70	0.75	19.05	2	250	1.72	3.00	76.20	0.16	0.24
Gray	Gray											
00338604300	00338604398▲	1/4	6.35	0.50	12.70	2	250	1.72	1.50	38.10	0.09	0.13
00338606300	00338606398▲	3/8	9.53	0.63	15.88	2	250	1.72	2.25	57.15	0.12	0.18
00338608300	00338608398▲	1/2	12.70	0.75	19.05	2	250	1.72	3.00	76.20	0.16	0.24
Red	Red											
00338704300	00338704398▲	1/4	6.35	0.50	12.70	2	250	1.72	1.50	38.10	0.09	0.13
00338706300	00338706398▲	3/8	9.53	0.63	15.88	2	250	1.72	2.25	57.15	0.12	0.18
00338708300	00338708398▲	1/2	12.70	0.75	19.05	2	250	1.72	3.00	76.20	0.16	0.24
Green	Green											
00338804300▲	00338804398▲	1/4	6.35	0.50	12.70	2	250	1.72	1.50	38.10	0.09	0.13
00338806300	00338806398▲	3/8	9.53	0.63	15.88	2	250	1.72	2.25	57.15	0.12	0.18
00338808300▲	00338808398▲	1/2	12.70	0.75	19.05	2	250	1.72	3.00	76.20	0.16	0.24
Yellow	Yellow											
00338904300▲	00338904398▲	1/4	6.35	0.50	12.70	2	250	1.72	1.50	38.10	0.09	0.13
00338906300▲	00338906398▲	3/8	9.53	0.63	15.88	2	250	1.72	2.25	57.15	0.12	0.18
00338908300▲	00338908398▲	1/2	12.70	0.75	19.05	2	250	1.72	3.00	76.20	0.16	0.24

▲ = Make To Order (MTO)

FLEX-LOC™ 300 PUSH-ON

Designed specifically for use with robotic welders and industrial applications requiring an MSHA approved flame-resistant cover, Flex-Loc™ 300 is a premium 300 psi oil-resistant, non-conductive push-on hose that provides safe and reliable performance in oily and harsh conditions. It features an excellent coupling retention and a superior hold created by a unique spiral angle design and polyester reinforcement that firmly grips the fitting and will not give under pressure.

Not recommended for unleaded gasoline.



RESISTANCE

BRANDING



Thermoid – Flex-Loc 300
Non-conductive Size 300 PSI WP
Made In USA MSHA 1C

Cover Color:	Black, Blue, Gray, Red, Green or Yellow
Oil Resistance:	High
Construction:	Non-conductive
Tube:	Nitrile, RMA Class A
Cover:	Nitrile/PVC RMA Class A
Reinforcement:	Spiral polyester
Temperature Range:	-30°F to +180°F -34°C to +82°C
Packaging:	Reels 500 - 700 ft.

Product Number	Nominal I.D. (inches) (mm)		Nominal O.D. (inches) (mm)		Reinforcement Spirals	Working Pressure (psi) (Mpa)		Min. Bend Radius (inches) (mm)		Weight (lb/ft) (Kg/m)	
Black											
00318404400	1/4	6.35	0.50	12.70	2	300	2.07	1.50	38.10	0.10	0.15
00318406400	3/8	9.53	0.63	15.88	2	300	2.07	2.25	57.15	0.13	0.19
00318408400	1/2	12.70	0.75	19.05	2	300	2.07	3.00	76.20	0.16	0.24
00318410400	5/8	15.88	0.91	23.02	2	300	2.07	3.75	95.25	0.23	0.34
00318412400	3/4	19.05	1.03	26.19	2	300	2.07	4.50	114.30	0.26	0.39
Blue											
00318504400▲	1/4	6.35	0.50	12.70	2	300	2.07	1.50	38.10	0.10	0.15
00318506400▲	3/8	9.53	0.63	15.88	2	300	2.07	2.25	57.15	0.13	0.19
00318508400▲	1/2	12.70	0.75	19.05	2	300	2.07	3.00	76.20	0.16	0.24
Gray											
00318604400▲	1/4	6.35	0.50	12.70	2	300	2.07	1.50	38.10	0.10	0.15
00318606400▲	3/8	9.53	0.63	15.88	2	300	2.07	2.25	57.15	0.13	0.19
00318608400▲	1/2	12.70	0.75	19.05	2	300	2.07	3.00	76.20	0.16	0.24
Red											
00318704400▲	1/4	6.35	0.50	12.70	2	300	2.07	1.50	38.10	0.10	0.15
00318706400▲	3/8	9.53	0.63	15.88	2	300	2.07	2.25	57.15	0.13	0.19
00318708400▲	1/2	12.70	0.75	19.05	2	300	2.07	3.00	76.20	0.16	0.24
Green											
00318804400▲	1/4	6.35	0.50	12.70	2	300	2.07	1.50	38.10	0.10	0.15
00318806400▲	3/8	9.53	0.63	15.88	2	300	2.07	2.25	57.15	0.13	0.19
00318808400▲	1/2	12.70	0.75	19.05	2	300	2.07	3.00	76.20	0.16	0.24
Yellow											
00318906400▲	3/8	9.53	0.63	15.88	2	300	2.07	2.25	57.15	0.13	0.19

▲ = Make To Order (MTO)

EXCALIBUR™ MULTIPURPOSE

Excalibur™ is a highly versatile hose designed for environments prone to high pressure and extreme temperatures, particularly air, water and petroleum applications in heavy construction, mining or quarry operations, as well as washer operations in meat and poultry plants or agricultural sprays. It is non-conductive, flame resistant and MSHA approved with a Class A RMA rating, and provides a constant 500 psi working pressure in temperatures ranging from -40°F to +212°F. The Excalibur™ features highly visible yellow, NBR/PVC blend cover that provides excellent resistance to fats, oils, kerosene and gasoline.



RESISTANCE



BRANDING

Thermoid Excalibur Multipurpose
Hose Size I.D. 500 PSI WP MSHA
1C-114/1 Made In USA Electrically
Non-conductive

Cover Color:	Yellow
Oil Resistance:	High
Construction:	
Tube:	NBR/PVC, RMA Class A
Cover:	NBR/PVC, RMA Class A, MSHA Approved
Reinforcement:	Spiral polyester yarn
Temperature Range:	-40°F to +212°F -40°C to +100°C
Packaging:	Reels

Product Number	Nominal I.D.		Nominal O.D.		Reinforcement Spirals	Working Pressure		Min. Bend Radius		Weight	
	(inches)	(mm)	(inches)	(mm)		(psi)	(Mpa)	(inches)	(mm)	(lb/ft)	(Kg/m)
22574168662▲	1/4	6.35	0.63	15.88	4	500	3.45	1.50	38.10	0.16	0.24
22574248662	3/8	9.53	0.75	19.05	4	500	3.45	2.25	57.15	0.22	0.33
22574328662	1/2	12.70	0.91	23.02	4	500	3.45	3.00	76.20	0.24	0.36
22574488662	3/4	19.05	1.19	30.16	4	500	3.45	4.50	114.30	0.37	0.55
22574648662	1	25.40	1.50	38.10	4	500	3.45	7.00	177.80	0.51	0.76

▲ = Make To Order (MTO)

HERCULES® II

Hercules II... the latest addition to our high working pressure multipurpose hoses is a cost effective alternative to our very successful and popular Hercules® 500 Multipurpose Hose. Hercules II was value-engineered to offer customers superior performance in harsh work sites like factories, foundries, manufacturing plants, mines, quarries and numerous other industrial applications. Non-conductive and MSHA approved with a Class A RMA rating, Hercules II has a 4-spiral yarn reinforcement. This construction provides 500 psi working pressure in sizes 1/4" through 2", all with a 4:1 burst safety factor. Hercules II's yellow, XNBR cover provides exceptional resistance to abrasion, oils and other petroleum based products. Hercules II is the best value and a great selection for any OEM or MRO application requiring long life and exceptional performance in material transfer situations.



RESISTANCE



BRANDING

Thermoid Hercules II Multipurpose
Hose Size I.D. 500 PSI WP
MSHA 1C-209/7 Non-conductive
Made In USA

Cover Color:	Yellow
Oil Resistance:	High
Construction:	
Tube:	NBR, RMA Class A
Cover:	XNBR, RMA Class A
Reinforcement:	4-spiral yarn
Temperature Range:	-40°F to +212°F -40°C to +100°C
Packaging:	Reels

Product Number	Nominal I.D.		Nominal O.D.		Reinforcement Spirals	Working Pressure		Min. Bend Radius		Weight	
	(inches)	(mm)	(inches)	(mm)		(psi)	(Mpa)	(inches)	(mm)	(lb/ft)	(Kg/m)
45454168662	1/4	6.35	0.63	15.88	4	500	3.45	1.50	38.10	0.14	0.21
45454248662	3/8	9.53	0.75	19.05	4	500	3.45	2.25	57.15	0.21	0.31
45454328662	1/2	12.70	0.91	23.02	4	500	3.45	3.00	76.20	0.24	0.36
45454488662	3/4	19.05	1.19	30.16	4	500	3.45	4.50	114.30	0.36	0.54
45454648662	1	25.40	1.50	38.10	4	500	3.45	7.00	177.80	0.51	0.76
00454520500	1-1/4	31.75	1.75	44.45	4	500	3.45	8.75	222.25	0.71	1.04
00454524500	1-1/2	38.10	2.09	53.09	4	500	3.45	10.50	266.70	1.00	1.49
00454532400	2	50.80	2.64	67.06	4	500	3.45	16.00	406.40	1.41	2.08

HERCULES® 500

Hercules® 500 is a durable, abrasion-resistant hose engineered to withstand harsh conditions and temperatures ranging from -40°F to +212°F, ideal for use in agriculture, factory, foundry, mining, quarry and even the toughest construction applications. It is nonconductive and MSHA approved with a Class A RMA rating, providing a constant 500 psi working pressure and a 4:1 burst safety factor. Its highly visible, fluorescent yellow, XNBR cover provides superior resistance to abrasion, oils and other petroleum based products.



RESISTANCE



BRANDING

Thermoid Hercules Multipurpose
Hose Size I.D. 500 PSI WP MSHA
1C-114/1 Made In USA
Non-conductive

Cover Color:	Yellow
Oil Resistance:	High
Construction:	
Tube:	NBR, RMA Class A
Cover:	XNBR, RMA Class A
Reinforcement:	4-spiral polyester yarn - 1/4", 3/8", 1/2" sizes
Temperature Range:	-40°F to +212°F -40°C to +100°C
Packaging:	Reels

Product Number	Nominal I.D. (inches) (mm)		Nominal O.D. (inches) (mm)		Reinforcement Spirals	Working Pressure (psi) (Mpa)		Min. Bend Radius (inches) (mm)		Weight (lb/ft) (Kg/m)	
22454168662	1/4	6.35	0.63	15.88	4	500	3.45	1.50	38.10	0.14	0.21
22454248662	3/8	9.53	0.75	19.05	4	500	3.45	2.25	57.15	0.21	0.31
22454328662	1/2	12.70	0.91	23.02	4	500	3.45	3.00	76.20	0.24	0.36
22454488662	3/4	19.05	1.19	30.16	4	500	3.45	4.50	114.30	0.36	0.54
22454648662	1	25.40	1.50	38.10	4	500	3.45	7.00	177.80	0.51	0.76
22454808662	1-1/4	31.75	1.75	44.45	4	500	3.45	8.75	222.25	0.66	0.98
22454968662	1-1/2	38.10	2.09	53.18	4	500	3.45	10.50	266.70	0.70	1.04

HERCULES® 1000

Hercules® 1000 is a highly versatile, multipurpose hose designed for high pressure applications and extreme temperature environments ranging from -40°F to +212°F. It is ideal for use in rock drilling, air hammer and water jetting applications in heavy construction, mining or quarry operations, as well as the transfer of petroleum or other solvent solutions, and washer operations. The Hercules® 1000 is non-conductive and MSHA approved with a Class A RMA rating, providing a constant 1000 psi working pressure, with a minimum 4:1 burst safety factor.



RESISTANCE    
BRANDING Thermoid Hercules 1000
 Multipurpose Hose Size I.D.
 1000 PSI WP MSHA 1C-114/1
 Made In USA Non-conductive

Cover Color: Yellow
Oil Resistance: High
Construction:
 Tube: NBR, RMA Class A
 Cover: XNBR, RMA Class A (Pin Pricked)
 Reinforcement: 4-spiral polyester yarn - 1/4", 3/8", 1/2" sizes
 4-spiral aramid fiber - 3/4" and 1" sizes
Temperature Range: -40°F to +212°F
 -40°C to +100°C
Packaging: Reels

Product Number	Nominal I.D.		Nominal O.D.		Reinforcement Spirals	Working Pressure		Min. Bend Radius		Weight	
	(inches)	(mm)	(inches)	(mm)		(psi)	(Mpa)	(inches)	(mm)	(lb/ft)	(Kg/m)
22544168662▲	1/4	6.35	0.63	15.88	4	1000	6.89	1.50	38.10	0.16	0.24
22544248662	3/8	9.53	0.75	19.05	4	1000	6.89	2.25	57.15	0.22	0.33
22544328662	1/2	12.70	0.94	23.81	4	1000	6.89	3.00	76.20	0.24	0.36
22544488662	3/4	19.05	1.13	28.58	4	1000	6.89	4.50	114.30	0.35	0.52
22544648662	1	25.40	1.50	38.10	4	1000	6.89	7.00	177.80	0.47	0.70

▲ = Make To Order (MTO)



Green/GP Oxygen Hose

The Green GP/Oxygen hose is designed to handle the harsh, abusive conditions found in steel producing and oil refinery environments. The highly oil-resistant green cover follows the color coding for oxygen in mills. It features a medium-high oil resistant NBR blend tube with a 4-spiral polyester yarn reinforcement, and it provides a working pressure of 300 psi.



Cover Color: Green

Oil Resistance: Medium-High

Construction:

Tube: NBR blend, RMA Class B

Cover: NBR/PVC, RMA Class B

Reinforcement: Spiral polyester yarn

Temperature Range: -20°F to 180°F (-29°C to 82°C)

Packaging: Reels

Product Number	Nominal I.D.		Nominal O.D.		Reinforcement Spirals	Working Pressure		Min. Bend Radius	
	inches	mm	inches	mm		psi	Mpa	inches	mm
00336606400	3/8	9.53	0.710	22.23	4	300	2.07	2.25	57.15
00336608400	1/2	12.70	0.940	23.81	4	300	2.07	3.00	76.20
00336612400	3/4	19.05	1.160	29.37	4	300	2.07	4.50	114.30



Made in U.S.A.