

Ortac®



Product Specifications

Application

Ortac® (Oil-Resistant Tube and Cover) is our most popular premium-quality multipurpose hose. Used in the most abusive industrial applications, Ortac® will handle air, oil, water, kerosene and some chemicals. The premium Carbryn™ cover offers the most superior abrasion resistance of air and multipurpose hoses. Non-conductive, minimum electrical resistance greater than 1 megohm per inch of hose length at 1000 volts DC. Available in 250, 300 and 400 psi working pressures. Note: Ortac® 400 Yellow is USMSHA approved.

Construction

> Tube

Nitrile synthetic rubber, ARPM Class A (High Oil Resistance)

> Cover

Red or yellow Carbryn™ synthetic rubber, ARPM Class A (High Oil Resistance)

> Reinforcement

Spiral synthetic yarn, 2" is braided

Temperature Range

-20°F to 210°F (-29°C to 99°C)

Packaging

90% one-piece reels up to 1"

3/16"-3/4" - 500' reels, maximum 3 pieces, 50' increments

1" - 450' reels, maximum 3 pieces, 50' increments

1 1/4" - 400' reels, maximum 3 pieces, 50' increments

1 1/2" - 300' reels, maximum 3 pieces, 50' increments

2" - 200', cartons, maximum 3 pieces, 50' increments

Branding

Example: 1 1/2" (38.1 mm) Ortac® 300 psi WP Made in USA Continental ContiTech

Couplings

Refer to the ContiTech Industrial Hose Assembly Manual for crimp specifications.

Order Codes

See next page.

Air & Multipurpose
General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food

Dry Transfer

Liquid Transfer

Washdown

Marine

Material Handling

Abrasives

Bulk Transfer

Cement & Concrete

Mining

Petroleum

Aircraft Fueling

Dispensing

Dock

Rig Supply

Transfer Discharge

Transfer S&D

Specialty

Steam

Vacuum

Water

Discharge

Suction & Discharge

Washdown

Garden

Welding

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Ortac® 250

Order Codes: 569-058 (1/4"-1½" red), 536-465 (2" red), 536-010 (2" black)

SAP #	ID	Nom. OD		Max. WP		Weight		
		in.	mm	psi	MPa	lb./ft.	kg/m	
20026527	1/4	6.4	0.53	13.5	250	1.72	0.09	0.13
20026529	5/16	7.9	0.62	17.5	250	1.72	0.14	0.21
20026531	3/8	9.5	0.69	17.5	250	1.72	0.15	0.22
20026534	1/2	12.7	0.84	21.3	250	1.72	0.20	0.30
20026538	5/8	15.9	1.00	25.4	250	1.72	0.26	0.39
20026540	3/4	19.1	1.14	29.0	250	1.72	0.34	0.51
20026544	1	25.4	1.47	37.3	250	1.72	0.51	0.76
20023278	2	50.8	2.50	63.5	200	1.37	1.08	1.61

Hose design ratio (burst pressure) 4:1.

Ortac® 300

Order Codes: 569-059 (red)

SAP #	ID	Nom. OD		Max. WP		Weight		
		in.	mm	psi	MPa	lb./ft.	kg/m	
20026560	3/16	4.8	0.44	11.8	300	2.07	0.07	0.10
20026561	1/4	6.4	0.61	15.7	300	2.07	0.14	0.21
20026563	5/16	7.9	0.68	17.3	300	2.07	0.16	0.24
20026564	3/8	9.5	0.73	18.6	300	2.07	0.18	0.27
20026568	1/2	12.7	0.89	22.6	300	2.07	0.25	0.37
20026570	5/8	15.9	1.06	26.9	300	2.07	0.35	0.52
20026571	3/4	19.1	1.19	30.2	300	2.07	0.40	0.60
20026575	1	25.4	1.50	38.1	300	2.07	0.59	0.88
20026579	1¼	31.8	1.81	46.0	300	2.07	0.76	1.13
20026583	1½	38.1	2.08	52.8	300	2.07	0.88	1.31

Hose design ratio (burst pressure) 4:1.

Ortac® 400

Order Codes: 569-065 (yellow, USMSHA rated), 569-066 (red)

SAP #	ID	Nom. OD		Max. WP		Weight		
		in.	mm	psi	MPa	lb./ft.	kg/m	
20026596	1/4	6.4	0.61	15.7	400	2.76	0.16	0.24
20026598	3/8	9.5	0.73	18.8	400	2.76	0.20	0.30
20026599	1/2	12.7	0.89	22.8	400	2.76	0.26	0.39
20026600	3/4	19.1	1.18	30.0	400	2.76	0.41	0.61
20026601	1	25.4	1.50	38.1	400	2.76	0.61	0.91

Hose design ratio (burst pressure) 4:1.

Arctic Ortac® Plus



Product Specifications

Application

Arctic Ortac® Plus is a low-temperature air and multipurpose hose for air, water, oil, fuel oil, and some chemical operations where temperatures fall as low as -65°F.

Construction

> Tube

Black low-temperature, ECO oil-resistant synthetic rubber, ARPM Class A (High Oil Resistance)

> Cover

Blue low-temperature, ECO oil-resistant synthetic rubber, ARPM Class A (High Oil Resistance)

> Reinforcement

One reinforced textile braid

Temperature Range

-65°F to 180°F (-54°C to 82°C)

Packaging

500' reels, maximum 3 pieces, 50' minimum length

Branding

Example: Continental ContiTech 3/8" (9.5 mm) Arctic Ortac® Plus 2.1 MPa/300 psi Made in USA

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

Order Codes

536-275

Arctic Ortac® Plus

SAP #	ID		Nom. OD		Max. WP		Weight	
	in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
20159301	1/4	6.4	0.625	15.9	300	2.07	0.16	0.24
20159302	3/8	9.5	0.75	19.1	300	2.07	0.21	0.31
20159303	1/2	12.7	0.905	23.0	300	2.07	0.27	0.40
20159304	3/4	19.1	1.178	29.9	300	2.07	0.39	0.58
20146766	1	25.4	1.503	38.2	300	2.07	0.58	0.86

Hose design ratio (burst pressure) 4:1.

Air & Multipurpose

General Purpose

Heavy Duty

Push-on

Chemical Transfer

Cleaning Equipment

Food

Dry Transfer

Liquid Transfer

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Bulk Transfer

Cement & Concrete

Mining

Petroleum

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Dispensing

Dock

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Water

Discharge

Suction & Discharge

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Arctic Ortac®



Product Specifications

Application

Arctic Ortac® (Oil-Resistant Tube and Cover) is our most popular cold temperature multipurpose hose. For use with air, water, oil, kerosene, fuel oil and some chemical applications.

Construction

> Tube

Nitrile synthetic rubber, ARPM Class A (High Oil Resistance)

> Cover

Polychloroprene, ARPM Class B (Medium Oil Resistance)

> Reinforcement

One textile braid

Temperature Range

-65°F to 180°F (-54°C to 82°C)

Packaging

500' reels, maximum 3 pieces, 50' minimum length

Branding

Example: 3/8" (9.5 mm) Arctic Ortac® Continental ContiTech 2.1 MPa/300 psi Made in USA

Couplings

Contact fitting manufacturer for proper fitting recommendation and coupling procedure.

Order Codes

536-276

Arctic Ortac®

SAP #	ID		Nom. OD		Max. WP		Weight	
	in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
20116761	1/4	6.4	0.63	16.0	300	2.07	0.14	0.21
20116614	3/8	9.5	0.75	19.1	300	2.07	0.19	0.28
20116762	1/2	12.7	0.91	23.1	300	2.07	0.25	0.37
20116615	3/4	19.1	1.18	30.0	300	2.07	0.36	0.54
20116763	1	25.4	1.50	38.1	300	2.07	0.58	0.86
20116617	1¼	31.8	1.80	45.7	300	2.07	0.74	1.10
20125302	1¾	34.9	1.97	50.0	300	2.07	0.92	1.37
20116618	1½	38.1	2.09	53.1	300	2.07	1.01	1.50

Hose design ratio (burst pressure) 4:1.

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General Purpose
Heavy Duty
Push-on

Chemical Transfer

Cleaning Equipment

Food

Dry Transfer
Liquid Transfer
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Marine

Material Handling

Abrasives
Bulk Transfer
Cement & Concrete

Mining

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Dock
Rig Supply
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Specialty

Steam

Vacuum

Water

Discharge
Suction & Discharge
Washdown
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Super Ortac®



Air & Multipurpose
 General Purpose
 Heavy Duty
 Push-on

Chemical Transfer

Cleaning Equipment

Food
 Dry Transfer
 Liquid Transfer
 Washdown

Marine

Material Handling
 Abrasives
 Bulk Transfer
 Cement & Concrete

Mining

Petroleum
 Aircraft Fueling
 Dispensing
 Dock
 Rig Supply
 Transfer Discharge
 Transfer S&D

Specialty

Steam

Vacuum

Water
 Discharge
 Suction & Discharge
 Washdown
 Garden

Welding

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Product Specifications

Application

For heavy-duty service in handling air, water, oil, petroleum-based solvents and agricultural spray solutions.

Construction

> Tube

Nitrile synthetic rubber, ARPM Class B (Medium Oil Resistance)

> Cover

Yellow Chemivic synthetic rubber, ARPM Class B (Medium Oil Resistance), smooth finish, pin-pricked, MSHA approved

> Reinforcement

One braided steel wire

Temperature Range

-20°F to 210°F (-29°C to 99°C)

Packaging

1/2"-1" - 500' reels, maximum 3 pieces, 50' increments
 1¼"-1½" - 300' reels, maximum 3 pieces, 50' increments
 2" - 100-200' per carton, maximum 3 pieces, 50' increments
 All sizes also stocked in cut and coiled 50' lengths, 2 pieces per carton.

Branding

Example: Continental ContiTech 1" Super Ortac® 1000 psi Fire-resistant USMSHA 2G-IC-14C/38 Made in USA

Couplings

Refer to the ContiTech Industrial Hose Assembly Manual for crimp specifications.

Order Codes

539-152

Super Ortac®

SAP #	ID		Nom. OD		Max. WP		Weight	
	in.	mm	in.	mm	psi	MPa	lb./ft.	kg/m
20024051	1/2	12.7	0.91	23.1	1000	6.9	0.34	0.51
20024056	3/4	19.1	1.14	29.0	1000	6.9	0.44	0.65
20024066	1	25.4	1.45	36.8	1000	6.9	0.63	0.94
20024070	1¼	31.8	1.75	44.5	1000	6.9	0.86	1.28
20024074	1½	38.1	1.98	50.8	1000	6.9	1.08	1.61
20024077	2	50.8	2.55	64.3	1000	6.9	1.57	2.34

Hose design ratio (burst pressure) 4:1.