

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

Coupling Systems

Equipment

Appendix

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.