

# SHJ

## Jack Hose | Special Application



- Meets Flame Resistance USMSHA Designation

### Application

Extreme high-pressure hydraulic lines for jacking systems.

### Inner Tube

Nitrile

### Reinforcement

Two braids of high-tensile steel wire

### Cover

Black polychloroprene

### Temperature Range

-40°F to 212°F (-40°C to 100°C)

### Fitting Reference

All fittings compatible with the SHJ hose family are listed in Section 7 (starting on page 252) of the catalog.

### Branding

Example: Continental ContiTech SHJ-04 Jack Hose 1/4" (6.4mm) W.P. 10000 psi (68.9 MPa) MSHA 2G-14C/12

Descriptive #/ Product #	SAP #	Hose Size ID		Hose OD		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight
		in.	mm	in.	mm	psi	MPa	in.	mm	psi	MPa	
SHJ-04	20319601	1/4	6.4	0.58	14.7	10000	68.9	4.0	102	20000	137.9	0.24
SHJ-06	20319602	3/8	9.5	0.74	18.7	10000	68.9	5.0	127	20000	137.9	0.30

# SR14A

## SAE 100R14A | Fleet & Special Application



- Meets or exceeds the performance requirements of: SAE 100R14A; FDA 21 CFR 177, 1500 Specifications

- High Temperature
- Chemical Resistant

### Application

Medium-pressure hydraulic applications including truck, bus, industrial and aerospace. Compatible with air, fuel, lubricants, high-temp oil and some chemical applications.

### Inner Tube

Polytetrafluoroethylene

### Cover/Reinforcement

304 stainless steel wire braid

### Temperature Range

-65°F to 450°F (-54°C to 232°C) continuous -100°F to 500°F (-73°C to 260°C) intermittent

### Fitting Reference

Hose utilizes UCF9 ferrules with Continental ContiTech Uni-Crimp® stems, see Section 5 (starting on page 187) of the catalog.

### Branding

N/A

Descriptive #/ Product #	SAP #	Hose Size ID		Hose OD		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight
		in.	mm	in.	mm	psi	MPa	in.	mm	psi	MPa	
SR14A-03	20303683	3/16	4.8	0.31	7.9	3000	20.7	2.0	51	12000	82.7	0.06
SR14A-04	20303665	1/4	6.4	0.38	9.5	3000	20.7	3.0	76	12000	82.7	0.08
SR14A-05	20303667	5/16	7.9	0.45	11.3	2500	17.2	4.0	102	10000	69.0	0.09
SR14A-06	20303669	3/8	9.5	0.50	12.8	2250	15.5	4.5	114	9000	62.1	0.11
SR14A-08	20303691	1/2	12.7	0.65	16.5	1500	10.3	6.5	165	6000	41.4	0.15
SR14A-10	20303693	5/8	15.9	0.78	19.8	1200	8.3	7.7	196	4800	33.1	0.19
SR14A-12	20303695	3/4	19.1	0.89	22.5	1100	7.6	8.2	208	4400	30.3	0.21
SR14A-16	20303697	1	25.4	1.14	28.8	900	6.2	10.0	254	3600	24.8	0.32

# SR5

## SAE 100R5 | Fleet Application



### Application

General-purpose, medium-pressure hose, for use in air brakes, power steering, turbo oil lines, tilt cab cylinders, transmission coolant and filtration lines. Compatible with petroleum-based hydraulic fluids, air, water, gasoline and diesel fuel (GR-04 through -20 only), lubricating oils and coolants.

Note: Not recommended for under-the-hood, automotive and truck fuel line applications. Only hoses designed and tested to meet SAE fuel line standards should be used for these applications.

Note: Sizes 7/8", 1 1/8", 1 3/8" and 1 3/16" do not meet SAE J1402 Type AII & DOT FMVSS 106 Type AII because these sizes are not listed in the referenced specifications.

### Inner Tube

Nitrile

### Reinforcement

One braid of high-tensile steel wire

### Cover

Black impregnated textile braid

### Temperature Range


-40°F to 212°F (-40°C to 100°C)

### Fitting Reference

All fittings compatible\*\*\* with the SR5 hose family are listed in Section 6 (starting on page 217) of the catalog.

### Branding

Example: Continental ContiTech SR5-04 5 mm (3/16") SAE 100R5 (DOT FMVSS 106 AII, J1402 Air Brake) 20.7 MPa (3000 psi) W.P. GY Made in U.S.A.

- Meets or exceeds the performance requirements of: SAE 100R5; DOT FMVSS 106 All and SAE J1402 (sizes 3/16", 1/4", 5/16", 13/32", 1/2" and 5/8")
- SAE J1942/U.S. Coast Guard 

Descriptive #/ Product #	SAP #	Hose Size ID		Hose OD		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight lbs./ft.	USCG Approved
		in.	mm	in.	mm	Psi	MPa	in.	mm	Psi	MPa		
SR5-04	20324155	3/16	4.8	0.52	13.2	3000	20.7	3.0	76	12000	82.7	0.15	H
SR5-05	20416026	1/4	6.4	0.58	14.8	3000	20.7	3.4	86	12000	82.7	0.18	H
SR5-06	20324042	5/16	7.9	0.68	17.1	2250	15.5	4.0	102	9000	62.1	0.22	H
SR5-08	20324041	13/32	10.3	0.77	19.5	2000	13.8	4.6	117	8000	55.2	0.30	H
SR5-10	20326081	1/2	12.7	0.92	23.4	1750	12.1	5.5	140	7000	48.3	0.37	H
SR5-12	20455110	5/8	15.9	1.08	27.4	1500	10.3	6.5	165	6000	41.4	0.45	H
SR5-16	20340597	7/8	22.2	1.24	31.4	800	5.5	7.4	187	3200	22.1	0.47	H
SR5-20	20239407	1 1/8	28.6	1.50	38.1	625	4.3	9.0	229	2500	17.2	0.58	H


\*\*\*Note: Assemblies made with Continental ContiTech's SR5 hose and Continental ContiTech's Field-Grip® or Uni-Crimp® fittings meet SAE J1402 and DOT FMVSS 571.106 specifications. Assemblies made with Uni-Crimp fittings also meet SAE J517 100R5 assembly requirements. USCG rating "H" requires GTEX protective sleeving. Federal law requires registration with the Department of Transportation for anyone producing air brake hose assemblies.



# Desert® DR5

## SAE 100R5 | Fleet Application



- › Meets or exceeds the performance requirements of: SAE 100R5; SAE J1402 Type All, DOT FMVSS 106 Type All
- › High Temperature
- › SAE J1942/U.S. Coast Guard 

### Application

High-temperature, medium pressure hose for use in applications including turbocharger oil lines, tilt cab cylinder and air brake lines, transmission coolant and filtration lines. Compatible with petroleum oil and phosphate ester-based hydraulic fluids, air, water, diesel fuel, petroleum based lubricating oils and coolants.

Note: Not recommended for under-the-hood, automotive and truck fuel line applications. Only hoses designed and tested to meet SAE fuel line standards should be used for these applications.

Note: Sizes 7/8" (-16) and 1 1/8" (-20) do not meet SAE J1402 Type All & DOT FMVSS 106 Type All because these sizes are not listed in the referenced specifications.

### Inner Tube

CPE

### Reinforcement

One braid textile, one braid steel

### Cover

Blue impregnated textile braid

### Temperature Range

SAE 100R5 Hydraulic Applications: -40°F to 302°F (-40°C to 150°C)  
 Air Brake Applications: -40°F to 200°F (-40°C to 93°C)

General Hot Oil Applications: -40°F to 302°F (-40°C to 150°C)  
 General Air Applications: -40°F to 200°F (-40°C to 93°C)  
 Water Applications: -40°F to 212°F (-40°C to 100°C)

### Fitting Reference

All fittings compatible\*\*\* with the DR5 hose family are listed in Section 6 (starting on page 217) of the catalog.

### Branding

Example: Continental ContiTech DR5-06 SAE 8 mm (5/16") SAE 100R5 (DOT FMVSS 106 All, J1402 AIR BRAKE) 15.5 MPa (2250 psi) W.P. GY Made in U.S.A.

Descriptive #/ Product #	SAP #	Hose Size ID		Hose OD		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight lbs./ft.	USCG Approved
		in.	mm	in.	mm	psi	MPa	in.	mm	psi	MPa		
DR5-04	20340705	3/16	4.8	0.52	13.2	3000	20.7	3.0	76	12000	82.7	0.15	H
DR5-05	20341023	1/4	6.4	0.58	14.8	3000	20.7	3.4	86	12000	82.7	0.18	H
DR5-06	20340706	5/16	7.9	0.68	17.1	2250	15.5	4.0	102	9000	62.1	0.22	H
DR5-08	20340707	13/32	10.3	0.77	19.5	2000	13.8	4.5	117	8000	55.2	0.30	H
DR5-10	20340708	1/2	12.7	0.92	23.4	1750	12.1	5.5	140	7000	48.3	0.37	H
DR5-12	20341025	5/8	15.9	1.08	27.4	1500	10.3	6.5	165	6000	41.4	0.45	H
DR5-16	20340709	7/8	22.2	1.24	31.4	800	5.5	7.4	187	3200	22.1	0.47	H
DR5-20	20368015	1 1/8	28.6	1.50	38.1	625	4.3	9.0	229	2500	17.2	0.58	H

\*\*\*Note: Assemblies made with Continental ContiTech's DR5 hose and Continental ContiTech' Field Grip® or Uni-Crimp® fittings meet SAE J1402 and DOT FMVSS 571.106 specifications. For high-pressure hydraulic applications use the Uni-Crimp® fitting which meets SAE J517 100R5 assembly requirements. Federal law requires registration with the Department of Transportation for anyone producing air brake hose assemblies.

## SCX5

## SAE 100R5 | Fleet Application

**Application**

For use with medium-pressure applications including water, gasoline, diesel, lubricating oils and petroleum-based hydraulic oils.

**Inner Tube**

Nitrile

**Reinforcement**

One braid steel wire and one braid textile

**Cover**

Black polychloroprene

**Temperature Range**


-40°F to 212°F (-40°C to 100°C)

**Fitting Reference**

The SCX5 hose family utilizes the UC Crimp Fittings listed in Section 6 (starting on page 217) of the catalog.

**Branding**

Example: Continental ContiTech SCX5-05 1/4" (6.4 mm) 3000 psi W.P. (20.7 MPa) MSHA 2G-14C/12 Made in U.S.A.

- › Meets or exceeds the performance requirements of: SAE 100R5
- › Meets Flame Resistance USMSHA Designation
- › SAE J1942/U.S. Coast Guard 

Descriptive #/ Product #	SAP #	Hose Size ID		Hose OD		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight lbs./ft.	USCG Approved
		in.	mm	in.	mm	psi	MPa	in.	mm	psi	MPa		
SCX5-05	20608834	1/4	6.4	0.58	14.8	3000	20.7	3.4	86	12000	82.7	0.18	H
SCX5-06	20608835	5/16	7.9	0.68	17.3	2250	15.5	4.0	102	9000	62.1	0.22	H
SCX5-08	20608836	13/32	10.3	0.78	19.8	2000	13.8	4.6	117	8000	55.2	0.23	H
SCX5-10	20608837	1/2	12.7	0.91	23.0	1750	12.1	5.5	140	7000	48.3	0.34	H
SCX5-12	20608838	5/8	15.9	1.08	27.4	1500	10.3	6.5	165	6000	41.4	0.41	H
SCX5-16	20608839	7/8	22.2	1.23	31.3	800	5.5	7.4	188	3200	22.1	0.44	H
SCX5-20	20608890	1 1/4	28.6	1.50	38.1	625	4.3	9.0	229	2500	17.2	0.53	H



# Desert® DUT

## SAE J1402 | Universal Truck | Fleet Application



› Meets or exceeds the performance requirements of: SAE J1402 Type A1 DOT FMVSS 106 Type A1

› High Temperature

### Application

High-temperature, medium-pressure hose for use in applications including turbocharger oil lines, tilt cab cylinder and air brake lines, transmission coolant and filtration lines. Compatible with petroleum oil and phosphate ester-based hydraulic fluids, air, water, diesel fuel, petroleum-based lubricating oils and coolants.  
 Note: Not recommended for under-the-hood, automotive and truck fuel line applications. Only hoses designed and tested to meet SAE fuel line standards should be used for these applications.

Note: Sizes 7/8" (-16) and 1½" (-20) do not meet SAE J1402 Type A1 & DOT FMVSS 106 Type A1 because these sizes are not listed in the referenced specifications.

### Inner Tube

CPE

### Reinforcement

One braid textile, one braid steel

### Cover

Blue impregnated textile braid

### Temperature Range

Air Brake Applications: -40°F to 200°F (-40°C to 93°C)

General Hot Oil Applications: -40°F to 302°F (-40°C to 150°C)

General Air Applications: -40°F to 200°F (-40°C to 93°C)  
 Water Applications: -40°F to 212°F (-40°C to 100°C)

### Fitting Reference

All fittings compatible with the Desert® DUT hose family are listed in Section 6A (starting on page 246) of the catalog.

### Branding

Example: Continental ContiTech Desert® DUT-06 SAE J1402 Type A1 Air Brake DOT FMVSS 106 A1 5/16" (7.9mm) W.P. 1500 psi (10.3 MPa)

Descriptive #/ Product #	SAP #	Hose Size ID		Hose OD		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight lbs./ft.
		in.	mm	in.	mm	psi	MPa	in.	mm	psi	MPa	
DUT-04	20367570	3/16	4.8	0.49	12.4	2000	13.8	2.0	51	8000	55.2	0.12
DUT-05	20367574	1/4	6.4	0.55	14.0	1500	10.3	2.5	64	6000	41.4	0.14
DUT-06	20367576	5/16	7.9	0.62	15.7	1500	10.3	3.0	76	6000	41.4	0.17
DUT-08	20367577	13/32	10.3	0.74	18.8	1250	8.6	3.5	89	5000	34.5	0.20
DUT-10	20367578	1/2	12.7	0.83	21.1	1000	6.9	4.0	102	4000	27.6	0.22
DUT-12	20367579	5/8	15.9	0.96	24.4	750	5.2	4.5	114	3000	20.7	0.24
DUT-16	20424721	7/8	22.2	1.21	30.7	400	2.8	5.0	127	1600	11.0	0.30
DUT-20	20424722	1½	28.6	1.49	37.8	300	2.1	5.5	140	1200	8.3	0.44

Note: Federal law requires registration with the Department of Transportation for anyone producing air brake hose assemblies.