

NSFX

SAFLEX® | Special Application



› Non-Conductive

Application

Medium-pressure applications where shock hazards exist and non-conductivity is required. Meets max leakage of 100 microamps/ft. at 75 KV for 3 minutes.

Inner Tube

Polychloroprene

Reinforcement

Two textile braids

Cover

Orange nitrile

Temperature Range

-40°F to 212°F (-40°C to 100°C)

Fitting Reference

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

Branding

Example: Continental ContiTech NSFX-04 SAFLEX® (Non-conductive) 1/4" (6.4mm) W.P. 2750 psi (19 MPa)

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	
NSFX-04	20240283	1/4	6.4	0.56	14.2	2750	19.0	3.5	89	11000	75.8	0.11
NSFX-06	20240284	3/8	9.5	0.75	19.0	2250	15.5	4.0	102	9000	62.1	0.19
NSFX-08	20240285	1/2	12.7	0.94	23.7	2000	13.8	6.0	152	8000	55.2	0.27

Prospector™ SHR

Slim-Hole Rotary Hose | Special Application



› Meets Flame Resistance USMSHA Designation

Application

High-pressure, rotary hose for slim-hole, seismograph, work-over or portable drilling rigs. For use with small- to medium-blast, water-well or shot-hole drilling applications. Used in hydraulic oil, mud or air applications or where pulsating pump is required.

Inner Tube

Polychloroprene

Reinforcement

Four alternating layers of spiralled high-tensile steel wire for the

SHR5000-16 (1") and SHR3650-32 (2"). Six alternating layers of spiralled high-tensile steel wire for the SHR5000-20 (1¼") through SHR5000-32 (2")

Cover

Polychloroprene, Pin Pricked

Temperature Range

When conveying air: -40°F to 158°F (-40°C to 70°C). When conveying fluids: -40°F to 250°F (-40°C to 121°C). When conveying fluids for SHR3650-32 : -40°F to 212°F (-40°C to 100°C)

Fitting Reference

All fittings compatible with the Prospector™ Slim-Hole Rotary hose family are listed in Section 7 (starting on page 252) of the catalog.

Branding

Example: Continental ContiTech Prospector™ Slim-Hole Rotary 1" 5000 psi W.P. Flame Resistant MSHA 2G-IC-14C/44"

Safety Factor

4:1 Safety Factor

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	
SHR3000-32	20749438	2	50.8	2.69	68.3	3000	20.7	25.0	635	12000	82.7	1.34
SHR3650-32	20714905	2	50.8	2.74	69.7	3650	25.2	28.0	710	14600	100.7	2.40
SHR5000-16	20714808	1	25.4	1.57	39.8	5000	34.5	11.8	300	20000	138.0	3.35
SHR5000-20	20714890	1¼	31.8	2.02	51.3	5000	34.5	16.5	420	20000	138.0	4.38
SHR5000-24	20714903	1½	38.1	2.31	58.8	5000	34.5	19.7	500	20000	138.0	3.13
SHR5000-32	20714904	2	50.8	2.9	72.7	5000	34.5	24.8	630	20000	138.0	4.27

Prospector™ BOP 3000

Special Application



Fire Tested

Application

BOP hose is a hydraulic control connection that is used in the well control system.

Inner Tube

Black nitrile

Reinforcement

2-Wire braid steel

Cover

Pink polychloroprene, wrapped finish

Temperature Range

-40°F to 212°F (-40°C to 100°C)

Verification

Independently tested per Lloyd's Register Fire Tests for Flexible Hoses on Offshore Installations.

Register Fire Tests for Flexible Hoses on Offshore Installations* (OD/1000/499-29th June, 1992) and EUB (Directive 036)

Fitting Reference

Special assembly procedure required. Contact Continental ContiTech for details.

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	
BOP-06	20613999	3/8	9.5	1.11	28.2	3000	20.7	6.0	152	12000	82.7	0.75
BOP-08	20614010	1/2	12.7	1.19	30.2	3000	20.7	8.0	203	12000	82.7	0.81
BOP-12	20614011	3/4	19.1	1.49	37.8	3000	20.7	11.0	279	12000	82.7	1.22
BOP-16	20614012	1	25.4	1.84	46.7	3000	20.7	15.0	381	12000	82.7	1.74

Prospector™ BOP 5000

Very High Pressure



Fire Tested

Application

BOP hose is a hydraulic control connection that is used in the well control system.

Inner Tube

Polychloroprene

Reinforcement

Four alternating layers of spiral high-tensile steel wire (size 3/8", 1/2", 3/4", 1", 1 1/4") and six alternating layers of spiraled high-tensile steel wire (size 1 1/2" and 2")

Cover

Pink polychloroprene, wrapped finish

Temperature Range

-40°F to 212°F (-40°C to 100°C)

Branding

Example: Continental ContiTech
BOP 5000 3/8" (9.5mm) W.P. 5000 psi (34.5 MPa)

Fitting Reference

Special assembly procedure required. Contact Continental ContiTech.

Verification

Tested at South West Research Institute and certified by Lloyd's Register to API Specification 16D (Spec 16D, Section 10)

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	
BOP5000-06	20715121	3/8	10.0	1.14	29.0	5000	34.5	7.1	180	20000	138.0	0.80
BOP5000-08	20715122	1/2	12.5	1.24	31.6	5000	34.5	9.0	230	20000	138.0	0.90
BOP5000-12	20715123	3/4	19.0	1.58	40.1	5000	34.5	11.8	300	20000	138.0	1.60
BOP5000-16	20715124	1	25.0	1.85	46.9	5000	34.5	13.4	340	20000	138.0	2.00
BOP5000-20	20715125	1 1/4	31.5	2.10	53.4	5000	34.5	18.1	460	20000	138.0	2.40
BOP5000-24	20715126	1 1/2	38.0	2.59	65.9	5000	34.5	19.7	500	20000	138.0	4.10
BOP5000-32	20715127	2	51.0	3.14	79.7	5000	34.5	24.8	630	20000	138.0	5.50

Prospector™ Hot Oiler

Special Application



Application

Static pressure, hot oiler applications. Designed specifically to handle the transfer of hot oil at 275° continuous, 300°F intermittent to clear the paraffin around the casing to help start the flow of oil to the surface.

› Meets Flame Resistance USMSHA Designation

Inner Tube

Black, oil resistant, synthetic rubber.

Reinforcement

Two braids of high-tensile steel wire

Cover

Black, oil and abrasion resistant, synthetic rubber.

Temperature Range

-40°F to 275°F (-40°C to 135°C)

Fitting Reference

All fittings compatible with this Hot Oiler hose are listed in Section 7 (starting on page 252) of the catalog. Parts include:
S4-NPMAPI-2424 (SAP#20636530)
S4-IHUF1502-2432 (SAP#20815350)
S4-IHUM1502-2432 (SAP#20815351)

Branding

Continental ContiTech HOT OILER

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	
Hot Oiler	20739324	1½	38.0	2.16	54.8	2500	17.2	20.0	508	8750	60.3	1.64

SGUN

Grease Gun Hose | Special Application



Application

Used as a grease whip hose or general purpose lubrication line. To be used with hand grease guns only. Not for powered units.

› Meets Flame Resistance USMSHA Designation

Inner Tube

Nitrile

Reinforcement

One braid 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 SGUN hose family are listed in Section 7 (starting on page 252) of the catalog.

Branding

Example: Continental ContiTech SGUN-03 Grease Gun Hose 3/16" (4.8mm) W.P. 3000 psi (20.7 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	
SGUN-03	20240286	3/16	4.8	0.41	10.4	3000	20.7	NA	NA	12000	82.7	0.09

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