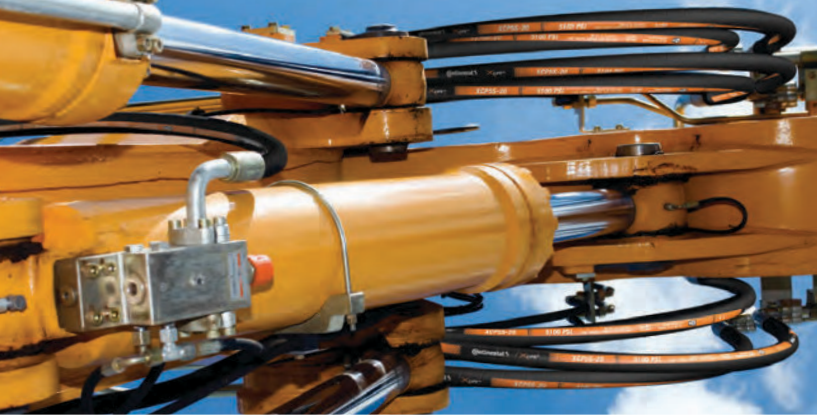




Hose, Fittings and Equipment
for Mining Operations



Continental 





Continental is a world leader in industrial rubber and plastic products.

Our knowledge and expertise allow us to deliver the most innovative and highest-quality products on the market. Plus, our extensive problem-solving experience across multiple industries and applications enables us to share innovations over our entire product offering. Which means we can deliver unexpected solutions and advanced improvements in situations where others can't.

We push the boundaries of what's possible, and we're constantly solving tomorrow's most challenging problems – today and every day.

It's Why We're Your Global Partner of Choice for Industrial Fluid Solutions.

Continental offers a full breadth of industrial rubber products including:

- › Industrial Hose
- › Conveyor Belts
- › Power Transmission Belts
- › Hydraulic Hose and Fittings
- › Air Springs





HYDRAULIC HOSE



NEW
**Prospector™
ARMORCOAT
PARC2W**
› High-pressure
applications



ID 1/4" - 1"



NEW
**Prospector™
ARMORCOAT PARC5S**
› 4- or 6- spiral hose
› Very high pressure
applications



ID 3/8" - 2"



NEW
Prospector™ P2W
› Braided hose
designed & rated
for dynamic impulse
applications



ID 1/4" - 1"



NEW
Prospector™ P5S
› 4- or 6- spiral hose
› Very high pressure
applications, for static
& impulse pressure



ID 3/8" - 2"



X-LIFE™ XR16SC
› High pressure
applications
with tight bends



ID 1/4" - 3"



X-LIFE™ XCP3S
Constant Pressure
› 4- spiral hose
› High pressure
applications



ID 1-1/4" - 2"



X-LIFE™ XCP4S
Constant Pressure
› 4- or 6- spiral hose
› Very high pressure
applications



ID 3/8" - 2"



X-LIFE™ XCP5S
Constant Pressure
› 4- or 6- spiral hose
› Very high pressure
applications subject
to surges or flexing



ID 3/8" - 2-1/2"



X-LIFE™ XCP6S
Constant Pressure
› 4- or 6- spiral hose
› Very high pressure
applications subject
to surges or flexing



ID 3/8" - 2"



HR4
› Return or suction
line hose
› Handles high
temperature



ID 3/4" - 4"



SFS
Fire Suppression Hose
› Medium-pressure
applications
› Made for mining,
forestry, and
firefighting equipment



ID 1/4" - 1"



SGUN
Grease Gun Hose
› Made for general
purpose lubrication



ID 3/16"

~~LIFE~~
Extended Life™
Cover

Constant
Pressure

ARMORCOAT™
Resistance

Low / High
Temperature

MSHA
Approved

Non-Conductive

Reduced
Bend Radius

Continental Exceeds Hose and Fitting Standards

You demand a lot from your hydraulic hose because your equipment must stay connected and operating under the highest pressures and harshest environments. That's why our engineers create solutions with your needs in mind. Our abrasion resistant covers, flexibility, high retention coupling design, and the ability to withstand extreme pressures are the Continental difference. With Continental hoses, your assembly is safe, reliable, and ready to handle the job ahead.

INDUSTRIAL HOSE



Brigade Mine

- › Fire protection hose for use in underground mines

ID 1 ½", 2", 2 ½"

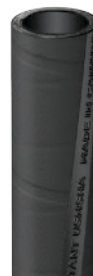


Flexsteel® Mine Spray

- › General underground water spray service in dust control applications



ID 1/2" - 2"



Mine Conduit

- › Made for use as an electrical cable cover in underground mines



ID 1/2" - 4"



Spiraflex® Cable Guard

Grease Gun Hose

- › Clear rigid corrugated PVC
- › Made for a protective cover to supply lines underground



ID 1 ½" - 4"



Spiraflex® Rock Dust

Grease Gun Hose

- › Hose for handling rock dust in underground coal mines



ID 1 ½" - 4"



Gorilla® Air and MultiPurpose Hose

- › Superior abrasion resistance and versatility
- › Now available for diesel applications



ID 1/4" - 2"

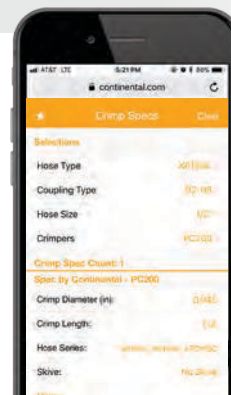
NEW FITTINGS

Mining Program Staple Lock Fittings



FULL SUPPORT

Crimping Solutions



Data at your fingertips

X-LIFE™ XR16SC

X-LIFE™ XR16SC is for high-pressure service with tight bends needing abrasion resistance and flexibility. It is made for use with petroleum- and water-based hydraulic fluids. This hose has excellent impulse performance and flexibility.



PERFORMANCE + SPECS

Meets higher
EN/DIN Pressures

Inner Tube
NBR (nitrile)

Reinforcement
Two braids of high-tensile steel wire


Cover
Black synthetic rubber with extra
abrasion-, oil- and weather-resistance








Temperature Range
-40°F to 212°F (-40°C to 100°C)

KEY FEATURES

 **Extended Life™ Cover**

 **MSHA Approved**

 **4:1 Safety Factor**

										
SAP Number	Product Number	ID	OD	Max Working Pressure	Bend Radius	Fitting Type	Weight			
		in.	in.	mm.	PSI	MPa	in.	mm.		lb./ft
20693982	XR16SC-04	1/4	0.54	13.72	5800	39.99	2.00	50.80	B2	0.26
20693983	XR16SC-06	3/8	0.70	17.80	5000	34.47	2.50	63.50	B2	0.33
20693984	XR16SC-08	1/2	0.81	20.60	5000	34.47	3.50	88.90	B2	0.42
20693985	XR16SC-10	5/8	0.95	24.10	4350	29.99	4.00	101.60	B2	0.45
20693987	XR16SC-12	3/4	1.10	27.94	3500	24.13	5.00	127.00	B2	0.59
20693988	XR16SC-16	1	1.40	35.56	3000	20.68	6.00	152.40	B2	1.04
20899538	XR16SC-20	1-1/4	1.74	44.20	2250	15.51	8.25	209.60	B2	1.12
21010293	XR16SC-24	1-1/2	1.25	50.29	2000	13.79	8.84	224.54	B2SC	1.31
21010296	XR16SC-32	2	1.50	50.29	1600	11.03	12.52	318.01	B2	1.83
21134196	XR16SC-40	2-1/2	3.15	80	1020	7	29.92	760	UCSC	2.22
21140534	XR16SC-48	3	3.7	94	1020	7	35.4	900	UCSC	4.21

X-LIFE™ XCP3S

X-LIFE™ XCP3S is made for high-pressure hydraulic applications requiring extra abrasion resistance. This hose has excellent impulse performance and flexibility.



PERFORMANCE + SPECS

Color-coded pressure range system
for easy identification

Inner Tube
Synthetic rubber

Reinforcement
Four alternating layers of spiraled high-tensile wire


Cover
Black synthetic rubber with extra abrasion-, oil- and weather-resistance


Temperature Range
-40°F to 250°F (-40°C to 121°C)








KEY FEATURES

 **Extended Life™ Cover**

 **Handles Constant Pressure**

 **4:1 Safety Factor**

 **Half Bend Radius**

 SAP Number	Product Number	 ID	 OD	 Max Working Pressure		 Bend Radius		 Fitting Type	 Weight
		in.	in.	mm.	PSI	MPa	in.	mm.	lb/ft
20901269	XCP3S-20	1-1/4	1.85	46.99	3100	21.37	16.50	419.10	SG 1.70
20921135	XCP3S-24	1-1/2	2.11	53.59	3100	21.37	19.60	497.84	SG 2.05
20921137	XCP3S-32	2	2.63	66.80	3100	21.37	24.80	629.92	SG 2.85

X-LIFE™ XCP4S

X-LIFE™ XCP4S is for very high-pressure hydraulic applications requiring extra abrasion resistance. It has excellent impulse performance and flexibility.



PERFORMANCE + SPECS

Color-coded pressure range system
for easy identification

Inner Tube
Synthetic rubber


Reinforcement
Four or six alternating layers of spiraled high-tensile steel wire


Cover
Black synthetic rubber with extra abrasion-, oil- and weather-resistance

Temperature Range
-40°F to 250°F (-40°C to 121°C)








KEY FEATURES

 **Extended Life™ Cover**

 **Handles Constant Pressure**

 **4:1 Safety Factor**

 **Half Bend Radius**

											
SAP Number	Product Number	ID		OD		Max Working Pressure		Bend Radius		Fitting Type	Weight
		in.		in.	mm.	PSI	MPa	in.	mm.		lb./ft
20854290	XCP4S-06	3/8		0.80	20.32	4100	28.27	2.60	66.04	SG	0.39
20854291	XCP4S-08	1/2		0.94	23.90	4100	28.00	3.50	88.90	SG	0.48
20854292	XCP4S-10	5/8		1.08	27.40	4100	28.00	3.90	99.10	SG	0.65
20854293	XCP4S-12	3/4		1.21	30.70	4100	28.00	4.70	119.40	SG	0.79
20864021	XCP4S-16	1		1.50	38.10	4100	28.00	5.90	149.90	SG	1.18
20867344	XCP4S-20	1-1/4		1.79	45.50	4100	28.00	10.60	269.20	SG	1.71
20867346	XCP4S-24	1-1/2		2.11	53.60	4100	28.00	13.00	330.20	SG	2.12
20882961	XCP4S-32	2		2.59	65.80	4100	28.00	24.80	629.90	SG	3.15

X-LIFE™ XCP5S

X-LIFE™ XCP5S is made for very high-pressure hydraulic applications requiring extra abrasion resistance. This hose has excellent impulse performance and flexibility.



PERFORMANCE + SPECS

Color-coded pressure range system
for easy identification

Inner Tube
Synthetic rubber


Reinforcement
Four or six alternating layers of spiraled high-tensile steel wire


Cover
Black synthetic rubber with extra abrasion-, oil- and weather-resistance


Temperature Range
-40°F to 250°F (-40°C to 131°C)








KEY FEATURES

 **Extended Life™**
Cover

 **Handles Constant Pressure**

 **4:1 Safety Factor**

 **Half Bend Radius**

												
SAP Number	Product Number	ID		OD		Max Working Pressure		Bend Radius		Fitting Type		Weight
		in.		in.	mm.	PSI	MPa	in.	mm.			lb./ft
20882963	XCP5S-06	3/8		0.84	21.30	5100	35.00	3.50	88.90	SG		0.48
20879434	XCP5S-08	1/2		0.97	24.60	5100	35.00	3.50	88.90	SG		0.55
20882965	XCP5S-10	5/8		1.11	28.20	5100	35.00	4.70	119.40	SG		0.68
20864025	XCP5S-12	3/4		1.27	32.30	5100	35.00	4.70	119.40	SG		0.94
20867348	XCP5S-16	1		1.52	38.60	5100	35.00	5.90	149.90	SG		1.35
20879437	XCP5S-20	1-1/4		1.79	45.50	5100	35.00	10.70	271.80	SG		1.15
20864029	XCP5S-24	1-1/2		2.28	57.90	5100	35.00	19.60	497.80	SE		2.25
20867503	XCP5S-32	2		2.80	71.10	5100	35.00	24.80	629.90	SE		3.20
21068547	XCP5S-40	2-1/2		3.5	89	5100	35.00	29.90	760	DG		6.20

X-LIFE™ XCP6S

X-LIFE™ XCP6S is for very high-pressure hydraulic applications requiring extra abrasion resistance. It has excellent impulse performance and flexibility.



PERFORMANCE + SPECS

Color-coded pressure range system
for easy identification

Inner Tube
Synthetic rubber

Reinforcement
Four or six alternating layers of spiraled high-tensile steel wire


Cover
Black synthetic rubber with extra abrasion-, oil- and weather-resistance


Temperature Range
-40°F to 250°F (-40°C to 121°C)








KEY FEATURES

 **Extended Life™ Cover**

 **Handles Constant Pressure**

 **4:1 Safety Factor**

 **Half Bend Radius**

										
SAP Number	Product Number	ID	OD		Max Working Pressure		Bend Radius		Fitting Type	Weight
		in.	in.	mm.	PSI	MPa	in.	mm.		lb./ft
20882967	XCP6S-06	3/8	0.84	21.30	6100	42.00	3.50	88.90	SG	0.48
20879438	XCP6S-08	1/2	0.97	24.60	6100	42.00	3.50	88.90	SG	0.55
20889839	XCP6S-10	5/8	1.04	26.40	6100	42.00	4.70	119.40	SG	0.72
20864030	XCP6S-12	3/4	1.27	32.26	6100	42.00	4.70	119.38	SG	1.05
20879440	XCP6S-16	1	1.53	38.90	6100	42.00	5.90	149.90	SG	1.39
20882970	XCP6S-20	1-1/4	2.03	51.60	6100	42.00	17.50	444.50	SG	1.62
20864033	XCP6S-24	1-1/2	2.20	55.90	6100	42.00	20.80	528.30	SE	2.03
20890050	XCP6S-32	2	2.86	72.60	6100	42.00	24.80	629.90	SE	4.67

HR4

HR4 is a low-pressure, high-temperature return line or suction line for petroleum- and water-based hydraulic fluids.



PERFORMANCE + SPECS

Meets or exceeds the performance requirements of **SAE 100R4**

Inner Tube

NBR (nitrile)

Cover

Black CR (Polychloroprene)

Reinforcement

Spiral-plied synthetic fabric with wire helix

Temperature Range

-40°F to 275°F (-40°C to 135°C)

Vacuum Rating

25 Hg

KEY FEATURES



Handles high temperature










Half Bend Radius



4:1 Safety Factor



MSHA Approved

										
SAP Number	Product Number	ID	OD		Max Working Pressure		Bend Radius	Fitting Type	Weight	
		in.	in.	mm.	PSI	MPa	in.	mm.	lb/ft	
20325410	HR4-12	3/4	1.16	29.50	350	2.41	2.50	64.00	UC, BT	0.41
20325411	HR4-16	1	1.45	36.80	325	2.24	3.00	76.00	UC, BT	0.59
20325412	HR4-20	1-1/4	1.70	43.20	250	1.72	4.00	102.00	UC, BT	0.72
20325413	HR4-24	1-1/2	1.95	49.50	225	1.55	5.00	127.00	UC, BT	0.85
20325414	HR4-32	2	2.46	62.50	225	1.55	6.00	152.00	UC, BT	1.12
20325415	HR4-40	2-1/2	2.97	75.40	140	0.97	7.00	178.00	UC	1.45
20325416	HR4-48	3	3.53	89.70	135	0.93	9.00	229.00	UC	1.9
20325418	HR4-64	4	4.54	115.30	100	0.69	12.00	305.00	UC	2.68

NEW Prospector™ P2W

Prospector™ braided hose is designed and rated for dynamic impulse applications, as well as static applications such as longwall roof-support systems.



PERFORMANCE + SPECS

Meets Continental's proprietary standard **BCS-174** working pressures and impulse requirements

Inner Tube

NBR (nitrile)

Cover

CR (polychloroprene)

Reinforcement

Two braids of high-tensile steel wire

Temperature Range

-40°F to 212°F (-40°C to 100°C)









KEY FEATURES



Half Bend Radius



MSHA Approved

												
SAP Number	Product Number	ID	OD		Max Working Pressure DYNAMIC*		Max Working Pressure STATIC**		Bend Radius	Fitting Type	Weight	
		in.	in.	mm.	PSI	MPa	PSI	MPa	in.	mm.		lb/ft
21107300	P2W-04	1/4	0.57	14.4	6,525	45.0	11,050	76.2	4.0	102	B2	0.21
21107710	P2W-06	3/8	0.71	17.9	5,800	40.0	9,575	66.0	5.0	127	B2	0.32
21107716	P2W-08	1/2	0.83	21.1	5,250	36.2	6,400	44.1	6.0	152	B2	0.36
21107753	P2W-12	3/4	1.16	29.5	4,490	31.0	4,950	34.1	9.0	229	B2	0.65
21107756	P2W-16	1	3.66	35.9	3,480	24.0	3,775	26.0	12.0	305	B2	0.89

* Dynamic working pressure applies to applications with frequent pressure surges or impulse pressure cycles.

** Static working pressure applies to applications with constant pressure loads and no pressure cycles.

NEW Prospector™ P5S

Prospector™ spiral hose is designed for very high-pressure above ground and below ground mining applications. It is rated for both static pressure and impulse.



PERFORMANCE + SPECS

Inner Tube

NBR (nitrile)

Cover

Synthetic rubber

Reinforcement

Four or six alternating layers of spiraled high-tensile steel wire

Temperature Range

-40°F to 250°F (-40°C to 121°C)








KEY FEATURES



Handles Constant Pressure



MSHA Approved

											
SAP Number	Product Number	ID	OD			Max Working Pressure		Bend Radius		Fitting Type	Weight
		in.	in.	mm.	PSI	MPa	in.	mm.		lb./ft	
21059616	P5S-06	6	0.97	24.60	5100	35.0	3.5	90	SG	0.58	
21059617	P5S-08	8	1.27	32.20	5100	35.0	4.7	120	SG	0.98	
21059619	P5S-12	12	1.27	32.20	5100	35.0	4.7	120	SG	0.98	
21059620	P5S-16	16	1.27	32.20	5100	35.0	4.7	120	SG	0.98	
21059621	P5S-20	20	1.27	32.20	5100	35.0	4.7	120	SG	0.98	
21059622	P5S-24	24	1.52	38.70	5100	35.0	5.9	150	SE	1.42	
21059623	P5S-32	32	2.28	57.80	5100	35.0	19.6	500	SE	3.35	

NEW Prospector™ ARMORCOAT™ PARC2W

Continental Prospector™ Armorcoat™ PARC2W mining hose is designed and rated for dynamic impulse applications, as well as static applications such as longwall roof-support systems.



PERFORMANCE + SPECS

Meets Continental's proprietary standard **BCS-174** working pressures and impulse requirements

Inner Tube

NBR (nitrile)

Cover

Black synthetic rubber with Armorcoat™

Reinforcement

Two braids of high-tensile steel wire

Temperature Range

-40°F to 212°F (-40°C to 100°C)









KEY FEATURES



Armorcoat™ Cover



MSHA Approved

 SAP Number	Product Number	 ID	 OD	 Max Working Pressure DYNAMIC*	 Max Working Pressure STATIC**	 Bend Radius	 Fitting Type	 Weight
		in.	in. mm.	PSI MPa	PSI MPa	in. mm.		lb/ft
21107300	PARC2W-04	1/4	0.57 14.478	6,525 45.0	11,050 76.2	4.0 101.6	B2	0.21
21107710	PARC2W-06	3/8	0.71 18.034	5,800 40.0	9,575 66.0	5.0 127	B2	0.32
21107716	PARC2W-08	1/2	0.83 21.082	5,250 36.2	6,400 44.1	6.0 152.4	B2	0.36
21107753	PARC2W-12	3/4	1.16 29.464	4,490 31.0	4,950 34.1	9.0 177.8	B2	0.65
21107756	PARC2W-16	1	3.66 92.964	3,480 24.0	3,775 26.0	12.0 228.6	B2	0.89

* Dynamic working pressure applies to applications with frequent pressure surges or impulse pressure cycles.

** Static working pressure applies to applications with constant pressure loads and no pressure cycles.

NEW Prospector™ ARMORCOAT™ PARC5S

Engineered for longwall, conventional mining, and above ground mining equipment. Used for harsher applications such as roof bolters and applications with impulse and pressure spikes. Prospector™ ARMORCOAT™ technology provides superior abrasion resistance.



PERFORMANCE + SPECS

Inner Tube

NBR (nitrile)

Cover

Black synthetic rubber with Armorcoat™

Reinforcement

Four or six alternating layers of spiraled high-tensile steel wire

Temperature Range

-40°F to 250°F (-40°C to 121°C)

KEY FEATURES










Available with
Armorcoat™ Cover



Handles Constant
Pressure



MSHA Approved

												
SAP Number	Product Number	ID		OD		Max Working Pressure		Bend Radius		Fitting Type		Weight
		in.		in.	mm.	PSI	MPa	in.	mm.			lb./ft
21059313	PARC5S-06	3/8		0.84	21.40	5100	35.0	3.5	90	SG		0.48
21059317	PARC5S-08	1/2		0.97	24.60	5100	35.0	3.5	90	SG		0.58
21059318	PARC5S-12	3/4		1.27	32.20	5100	35.0	4.7	120	SG		0.98
21059319	PARC5S-16	1		1.52	38.70	5100	35.0	5.9	150	SG		1.42
21059600	PARC5S-20	1-1/4		1.79	45.50	5100	35.0	10.7	270	SG		1.71
21059601	PARC5S-24	1-1/2		2.28	57.80	5100	35.0	19.6	500	SE		3.35
21059602	PARC5S-32	2		2.80	71.10	5100	35.0	24.8	630	SE		4.76

SFS

SFS is made for medium-pressure hydraulic applications including fire suppression actuation equipment where the red cover allows for easy identification.



PERFORMANCE + SPECS

Inner Tube

NBR (nitrile synthetic rubber) black

Cover

Red synthetic rubber

Reinforcement

One braid of high-tensile steel wire








Temperature Range

-40°F to 212°F (-40°C to 100°C)

KEY FEATURES



MSHA Approved

										
SAP Number	Product Number	ID	OD		Max Working Pressure		Bend Radius	Fitting Type	Weight	
		in.	in.	mm.	PSI	MPa	in.	mm.	lb./ft	
20276330	SFS-04	1/4	0.57	14.4	6,525	45.0	4.00	101.60	B2	0.17
20276331	SFS-06	3/8	0.71	17.9	5,800	40.0	5.00	127.00	B2	0.25
20276332	SFS-08	1/2	0.83	21.1	5,250	36.2	7.00	177.80	B2	0.30
20276333	SFS-12	3/4	1.16	29.5	4,490	31.0	9.50	241.30	B2	0.47
20276334	SFS-16	1	3.66	35.9	3,480	24.0	12.00	304.80	B2	0.72

SGUN

SGUN is designed to be used as a grease whip hose or general purpose lubrication line. It is intended for use with hand grease guns only (not for powered units).










PERFORMANCE + SPECS

Inner Tube NBR (nitrile)	Reinforcement One braid of high-tensile steel wire
Cover Black CR (polychloroprene)	Temperature Range -40°F to 212°F (-40°C to 100°C)

KEY FEATURES

-  MSHA Approved
-  4:1 Safety Factor

 SAP Number	Product Number	 ID	 OD	 Max Working Pressure		 Bend Radius		 Fitting Type	 Weight	
		in.	in.	mm.	PSI	MPa	in.	mm.	lb./ft	
20240286	SGUN-03	3/16	0.84		3,000	20.7	N/A	N/A	GG	0.09

Brigade® Mine

Brigade® Mine is for use as a mine fire protection hose in underground mines.

 **BRIGADE® MINE 150 PSI MADE IN USA**

PERFORMANCE + SPECS

Inner Tube

Fire Resistant PVC

Reinforcement






Spiral synthetic yarn

Cover

Fire Resistant PVC

Temperature Range

-10°F to 150°F (-23°C to 66°C)

									
SAP Number	Color	ID		OD		Max Working Pressure		Weight	
		in.	mm.	in.	mm.	PSI	MPa	lb./ft.	kg./m
20012456	Yellow	1-1/2	38.10	1.74	44.10	200	13.79	0.25	0.37
20012461	Yellow	2	50.80	2.31	58.60	200	13.79	0.41	0.60
20012463	Yellow	2-1/2	63.50	2.83	72.00	200	13.79	0.59	0.88

Flexsteel® Mine Spray

Flexsteel® Mine Spray is for general underground water spray service in dust control applications. It is also used on continuous mining machinery at the headface and on other mechanical mining machines.



PERFORMANCE + SPECS

Inner Tube

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

Cover

Yellow Chemivic synthetic rubber, ARPM
Class B (Medium Oil Resistance)
(Meets flame test requirements of MSHA
Schedule 26-Section 18.65), smooth finish

Reinforcement

Braided (1) steel wire






Temperature Range

-20°F to 210°F (-29°C to 99°C)

KEY FEATURES



MSHA Approved

 SAP Number	Color	 ID		 OD		 Max Working Pressure		 Weight	
		in.	mm.	in.	mm.	PSI	MPa	lb./ft.	kg./m
20770958	Yellow	1/2	12.7	0.90	22.8	1000	6.9	0.34	0.51
20024121	Yellow	3/4	19.1	1.14	29.0	1000	6.9	0.44	0.65
20024129	Yellow	1	25.4	1.45	36.8	1000	6.9	0.63	0.94
20024138	Yellow	1e	31.8	1.75	44.5	1000	6.9	0.86	1.28
20024143	Yellow	1f	38.1	1.98	50.3	1000	6.9	1.08	1.61
20024154	Yellow	2	50.8	2.55	64.8	1000	6.9	1.57	2.34

Hose design factor 4:1.

Mine Conduit

A fabric-reinforced hose for use as an electrical cable cover in underground mines.



PERFORMANCE + SPECS

Inner Tube

EPDM synthetic rubber, ARPM Class C
(Limited Oil Resistance)

Cover

Chloroprene (CR), Wrapped
Finish, Flame Resistant

Reinforcement

Spiral synthetic yarn






Temperature Range

-40°F to 200°F (-40°C to 93°C)

KEY FEATURES



MSHA Approved

 SAP Number	Color	 ID		 OD		 Hose Length	 Weight	
		in.	mm.	in.	mm.	ft.	lb./ft.	kg./m
20019068	Yellow	1/2	12.70	0.94	23.88	50	0.32	0.48
20019080	Black	1/2	12.70	0.93	23.58	50	0.30	0.44
20019082	Black	5/8	16.05	1.06	26.93	50	0.35	0.52
20019071	Yellow	3/4	19.05	1.18	29.97	100	0.43	0.64
20019084	Black	3/4	19.10	1.18	29.97	50	0.40	0.60
20019087	Black	7/8	22.20	1.30	33.02	50	0.45	0.67
20019072	Yellow	7/8	22.23	1.30	33.02	100	0.48	0.72
20019089	Black	1	25.40	1.43	36.32	50	0.50	0.75
20019073	Yellow	1	25.40	1.43	36.32	100	0.54	0.80
20019102	Black	2	50.80	2.42	61.47	50	0.92	1.36
20019076	Yellow	2	50.80	2.42	61.47	400	0.98	1.46
20019107	Black	2-1/4	57.20	2.67	67.82	50	1.02	1.52
20019108	Black	2-3/8	60.30	2.80	71.12	50	1.08	1.61
20019109	Black	2-1/2	63.50	2.92	74.17	50	1.12	1.67
20019112	Black	3	76.20	3.41	86.61	50	1.33	1.98
20019115	Black	4	101.60	4.44	112.78	50	1.74	2.59

Spiraflex® Cable Guard

This hose is for use as a protective cover for supply lines.



PERFORMANCE + SPECS

Inner Tube

Clear rigid PVC corrugated for flexibility

Temperature Range

0°F to 150°F (-18°C to 66°C)






Reinforcement

White high-density rigid PVC helix corrugated for flexibility, MSHA

KEY FEATURES



MSHA Approved

 SAP Number	Color	 ID		 OD		 Bend Radius		 Weight	
		in.	mm.	in.	mm.	in.	mm.	lb./ft.	kg/m
20013414	Clear	1-1/2	38.1	1.74	44.2	2	51	0.23	0.34
20013419	Clear	2	50.8	2.28	57.9	3	76	0.34	0.51
20013425	Clear	3	76.2	3.37	85.6	6	152	0.52	0.77
20013431	Clear	4	101.6	4.44	112.8	9	229	0.75	1.12

Spiraflex® Rock Dust

The Spiraflex® Rock Dust hose is a lightweight, flexible alternative to the rubber hose for handling rock dust in underground coal mines.



PERFORMANCE + SPECS

Inner Tube

Green Pliovic®, meets MSHA standards

Cover

Green Pliovic®, meets MSHA standards

Reinforcement

Rigid white Pliovic® PVC helix







Temperature Range

0°F to 158°F (-18°C to 70°C)

KEY FEATURES



MSHA Approved

 SAP Number	Color	Product Number	 ID		 OD		 Max Working Pressure		 Bend Radius		Vacuum HG	 Weight
			in.	mm.	in.	mm.	PSI	MPa	in.	mm.	lb./ft	lb./ft
20013351	Green smooth cover w/ static wire	20766499	1-1/2	38.1	1.75	44.5	44	0.30	4	97	29	737
20013354	Green smooth cover w/ static wire	20013361	2	50.8	2.35	59.7	30	0.21	6	140	29	737
20013356	Green smooth cover w/ static wire	20013363	2-1/2	63.5	2.87	72.9	30	0.21	7	178	29	737
20013358	Green smooth cover w/ static wire	20013365	3	76.2	3.40	86.4	30	0.21	8	203	29	737
20013359	Green smooth cover w/ static wire	20645908	4	101.6	4.45	113.0	27	0.19	14	356	15	381

Gorilla® Air and Multipurpose Hose

A premium-quality, multipurpose industrial hose with a wide range of applications in factories, construction, agriculture, quarries, mines, railroads, the oil and gas industry and shipbuilding.



PERFORMANCE + SPECS

Tube Material

Nitrite (NBR)

ARPM Class A (high oil resistance)

Cover Material

Carbryn™ (carboxylated nitrile)

ARPM Class A (High Oil Resistance)

MSHA approved

Reinforcements

Spiral flexten yarn

2" is braided synthetic yarn

Temperature Range

-20°F to 210°F (-29°C to 99°C)

Design Factor

4:1

Packaging

3/16" to 3/4" – 500 ft reels

1" – 450 ft reels

1-1/4" – 250 ft to 400 ft reels

1-1/2" – 150 ft to 300 ft reels

2" – 200 ft reels

Max. 3 Pieces, 50 ft increments

Coupling

Refer to the Continental Industrial Hose Assembly Manual for crimp specifications

READY 2 GO

KEY FEATURES



Coupled Assembly Available



High Oil Resistance Tube & Cover



MSHA Approved



Non-Conductive Tube & Cover



Superior Abrasion Resistant Cover

SAP Number	ID		OD		Max Working Pressure		Weight		Length
	in	mm	in	mm	PSI	MPa	lbs/ft	kg/m	
20026239	1/4	6.40	0.61	15.50	500	3.45	0.17	0.25	500
20026255	5/16	7.94	0.69	17.50	500	3.45	0.20	0.30	500
20026256	3/8	9.53	0.73	18.60	500	3.45	0.22	0.33	500
20026273	1/2	12.70	0.89	22.60	500	3.45	0.28	0.42	500
20917330	1/2	12.70	0.89	22.60	500	3.45	0.28	0.42	500
20026289	5/8	15.88	1.06	26.90	500	3.45	0.35	0.52	500
20026290	3/4	19.10	1.19	30.20	500	3.45	0.41	0.61	500
20026304	1	25.40	1.50	37.80	500	3.45	0.58	0.86	450
20026306	1-1/4	31.80	1.77	45.60	500	3.45	0.79	1.18	400
20026309	1-1/2	38.10	1.77	51.80	500	3.45	0.86	1.27	300
20305356	2	50.80	2.62	66.60	500	3.45	1.22	1.82	100
20023183	2	50.80	2.62	66.60	500	3.45	1.22	1.82	50

*As of June 2023 the 2" hose is not recommended for diesel applications.

Stay Connected Under The Highest Pressures



MINING PROGRAM

Continental fittings are constructed from a single piece of steel without brazed or welded joints to provide the ultimate protection against leaks and potential leak paths. With full-length crimps and a low-profile design that lasts longer, the interlocking Bite-to-Wire technology delivers maximum coupling retention for safer assembly and reliability under the toughest pressure – no internal or external skive required.

Supplying your operation with the latest innovations makes Continental a key solutions provider. We drive our product innovations by integrating advanced technology and breakthroughs from across our many divisions.

Staple Lock Fittings

Our Revolutionary Mining Solutions Are Designed To Redefine Industry Standards.

Unlocking Efficiency: Staple Lock fittings revolutionize mining operations, ensuring seamless and secure connections. With their advanced locking mechanism, these fittings provide unparalleled strength, reliability, and ease of installation, reducing downtime and maximizing productivity.

Unleashing Potential: With our cutting-edge mining solutions, we empower your team to reach new heights. Experience enhanced efficiency, streamlined operations, and increased profitability, as our Staple Lock fittings and hoses work in perfect harmony to overcome challenges and drive success.

Unparalleled Quality and Support: We are not just a supplier; we are your trusted partner in mining success. Our commitment to excellence extends beyond our products. Count on our dedicated team of experts to provide unrivaled support, technical expertise, and customized solutions tailored to your specific needs.

Upgrade to the Next Level: Don't settle for ordinary when you can have extraordinary. Upgrade your mining equipment with state-of-the-art Staple Lock fittings designed to outperform traditional solutions.

Discover the future of mining efficiency and reliability with Staple Lock fittings.

Staple Lock Fittings Overview

B2 FITTINGS

STANDARD STAPLE LOCK

Male



B2-STLKM

HIGH PRESSURE STAPLE LOCK

Male



B2-SSLM

LOW PROFILE STAPLE LOCK

Male



B2-FFSM

LOW PROFILE STAPLE LOCK

Female



B2-FFSF

SG FITTINGS

STANDARD STAPLE LOCK

Male



SG-STLKM

HIGH PRESSURE STAPLE LOCK

Male



SG-SSLM

LOW PROFILE STAPLE LOCK

Male



SG-FFSM

LOW PROFILE STAPLE LOCK

Female



SG-FFSF

SE FITTINGS

HIGH PRESSURE STAPLE LOCK

Male



SE-SSLM

UC FITTINGS

LOW PROFILE STAPLE LOCK

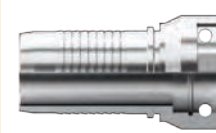
Male



UCSC-FFSM

LOW PROFILE STAPLE LOCK

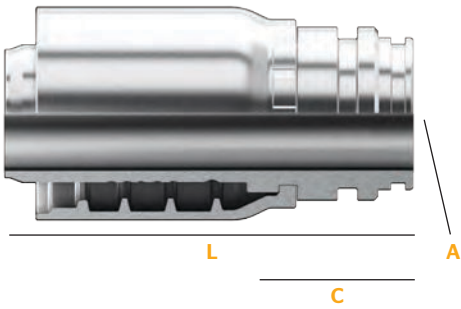
Female







UCSC-FFSF

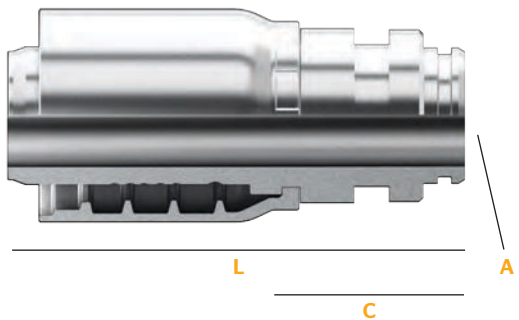


Download the **C-IQ Mobile App** for more information.







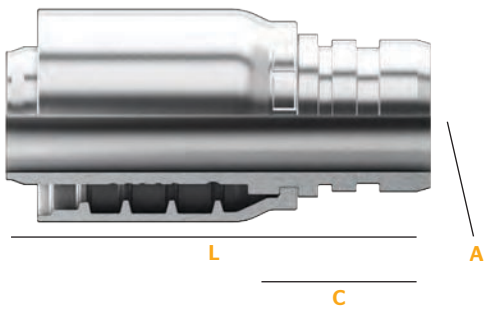
Standard Staple Lock Male

								
Part Number	SAP Number	Product Number	ID	Connection Size (A)	Cut-Off (C)		Length (L)	
			in.	in.	in.	mm.	in.	mm.
B2-STLKM-0404	21068925	28900-0404	1/4	1/4	1.31	33.2	2.29	58.1
B2-STLKM-0606	21068926	28900-0606	3/8	3/8	1.31	33.4	2.36	60.0
B2-STLKM-0808	21068927	28900-0808	1/2	1/2	1.34	34.0	2.59	65.7
B2-STLKM-1212	21068928	28900-1212	3/4	3/4	1.36	34.5	2.91	74.0
B2-STLKM-1616	21068929	28900-1616	1	1	1.69	42.9	3.47	88.0
B2-STLKM-2020	21068930	28900-2020	1-1/4	1-1/4	1.69	43.0	3.74	94.9
B2SC-STLKM-2424	21068931	28900-2424	1-1/2	1-1/2	2.01	51.2	4.89	124.1
B2-STLKM-3232	21068932	28900-3232	2	2	2.02	51.2	4.85	123.2







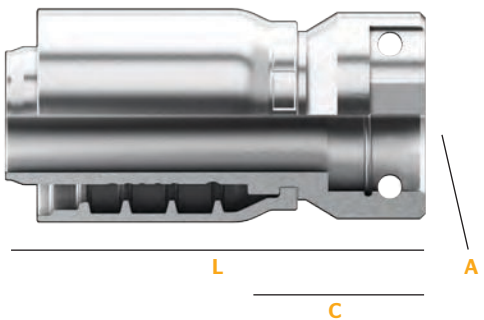
High Pressure Staple Lock Male

								
Part Number	SAP Number	Product Number	ID	Connection Size (A)	Cut-Off (C)		Length (L)	
			in.	in.	in.	mm.	in.	mm.
B2-SSLM-1212	21089960	14902-1212	3/4	3/4	1.59	40.3	3.14	79.8
B2-SSLM-1616	21089961	14902-1616	1	1	2.40	60.9	4.17	106.0
B2SC-SSLM-2424	21163314	47902-2424	1-1/2	1-1/2	2.73	69.3	5.60	142.2
B2-SSLM-3232	21089963	14902-3232	2	2	2.73	69.3	5.56	141.3







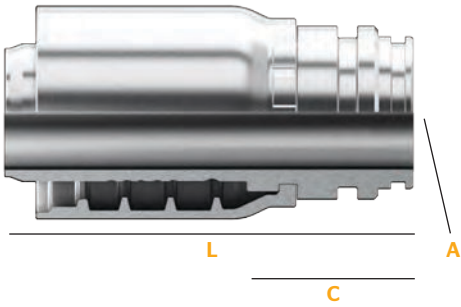
Low Profile Staple Lock Male

Part Number	 SAP Number	Product Number	 ID	Connection Size (A)	 Cut-Off (C)	 Length (L)		
			in.	in.	in.	mm.	in.	mm.
B2-FFSM-3232	21161080	28904-3232	2	2	2.26	57.5	5.10	129.5







Low Profile Staple Lock Female

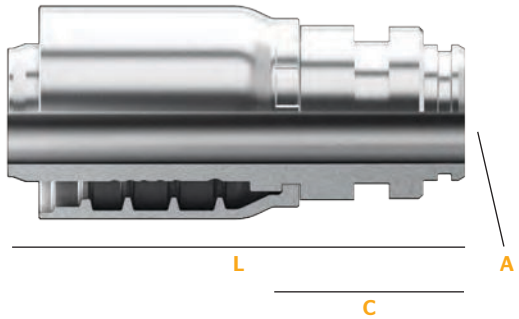
							
Part Number	SAP Number	Product Number	ID	Connection Size (A)	Cut-Off (C)		Length (L)
			in.	in.	in.	mm.	in. mm.
B2-FFSF-3232	21161079	28905-3232	2	2	2.19	55.5	5.02 127.5



Standard Staple Lock




Male

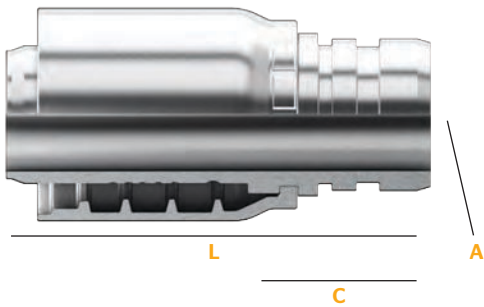
								
Part Number	SAP Number	Product Number	ID	Connection Size (A)	Cut-Off (C)		Length (L)	
			in.	in.	in.	mm.	in.	mm.
SG-STLKM-0606	21068934	29900-0606	3/8	3/8	1.38	35.0	2.83	72.0
SG-STLKM-0808	21068935	29900-0808	1/2	1/2	1.38	35.0	2.91	74.0
SG-STLKM-1212	21068936	29900-1212	3/4	3/4	1.44	36.4	3.31	83.9
SG-STLKM-1616	21068937	29900-1616	1	1	1.76	44.7	4.04	102.7
SG-STLKM-2020	21068938	29900-2020	1-1/4	1-1/4	1.84	46.7	4.97	126.3
SG-STLKM-2424	21068939	29900-2424	1-1/2	1-1/2	2.33	59.2	5.82	147.7
SG-STLKM-3232	21068940	29900-3232	2	2	2.44	61.9	5.98	151.9



High Pressure Staple Lock





Male

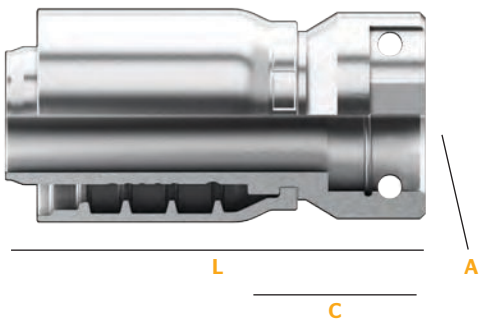
Part Number		Product Number		Connection Size (A)		Length (L)		
	SAP Number		ID		Cut-Off (C)			
			in.	in.	in.	mm.	in.	mm.
SG-SSLM-1212	21088972	29902-1212	3/4	3/4	1.68	42.6	3.55	90.1
SG-SSLM-1616	21088973	29902-1616	1	1	2.48	63.1	4.77	121.1
SG-SSLM-2424	21088974	29902-2424	1-1/2	1-1/2	3.07	77.9	6.53	165.9
SG-SSLM-3232	21088975	29902-3232	2	2	3.15	80.1	6.70	170.1



Low Profile Staple Lock





Male

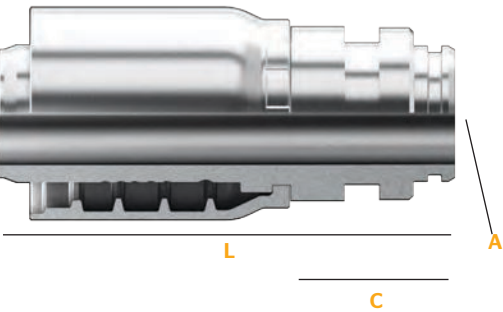
Part Number	 SAP Number	Product Number	 ID	Connection Size (A)	 Cut-Off (C)	 Length (L)		
			in.	in.	in.	mm.	in.	mm.
SG-FFSM-3232	21161082	29904-3232	2	2	2.69	68.2	6.23	158.2



Low Profile Staple Lock





Female

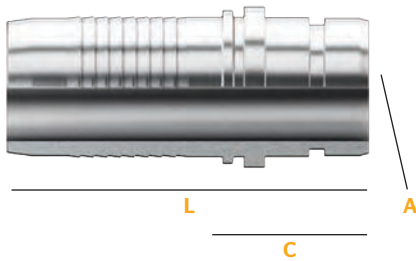
							
Part Number	SAP Number	Product Number	ID	Connection Size (A)	Cut-Off (C)		Length (L)
			in.	in.	in.	mm.	in. mm.
SG-FFSF-3232	21161081	29905-3232	2	2	2.61	66.2	6.15 156.3







High Pressure Staple Lock

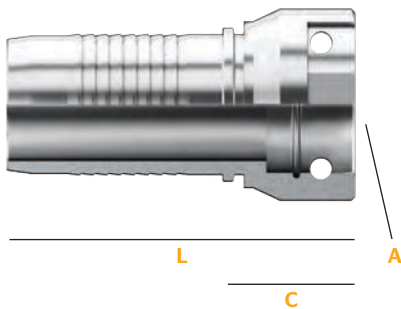
Male

Part Number	 SAP Number	Product Number	 ID	Connection Size (A)	 Cut-Off (C)	 Length (L)		
	in.		in.		in.	mm.	in.	mm.
SE-SSLM-2424	21165988	46902-2424	1-1/2	1-1/2	3.07	77.9	6.81	172.8
SE-SSLM-3232	21165989	46902-3232	2	2	3.01	76.3	7.50	190.6







Low Profile Staple Lock Male

								
Part Number	SAP Number	Product Number	ID	Connection Size (A)	Cut-Off (C)		Length (L)	
			in.	in.	in.	mm.	in.	mm.
UCSC-FFSM-4040	21161084	48904-4040	2-1/2	2-1/2	3.15	79.9	7.10	180.2
UCSC-FFSM-4840	21088977	48904-4840	3	2-1/2	3.23	81.9	7.96	202.3



Low Profile Staple Lock Female

							
Part Number	SAP Number	Product Number	ID	Connection Size (A)	Cut-Off (C)		Length (L)
			in.	in.	in.	mm.	in. mm.
UCSC-FFSF-4040	21161083	48905-4040	2-1/2	2-1/2	2.83	71.9	6.78 172.2
UCSC-FFSF-4840	21088976	48905-4840	3	2-1/2	2.91	73.9	7.65 194.3

Conventional Fittings

JIC 37° Flare Female Swivel  JCFX	JIC 37° Flare Female 45° Elbow Swivel  JCFX45	JIC 37° Flare Female 90° Elbow Swivel  JCFX90	JIC 37° Flare Female 90° Block Elbow Swivel  JCFX90B	JIC 37° Flare Male  JCM
45° Flare Female Swivel  SFFX	45° Flare Female 45° Elbow Swivel  SFFX45	45° Flare Female 90° Elbow Swivel  SFFX90	45° Flare Male  SFM	45° Inverted Flare Male Swivel  SIMX
45° Inverted Flare Male 45° Elbow Swivel  SIMX45	45° Inverted Flare Male 90° Elbow Swivel  SIMX90	NPTF Female  NPF	NPTF Female Swivel  NPFX	NPTF Male  NPM
NPTF Male Swivel  NPMX	NPTF Male 90° Block Elbow Swivel  NPMX90B	NPSM Female Swivel  NSF	GTF Female  GTF	Flareless Tube Fitting  FTM
Standpipe  SP	Standpipe 45° Elbow  SP45	O-Ring Face Seal Female Swivel  OFFX	O-Ring Face Seal Female 45° Elbow Swivel  OFFX45	O-Ring Face Seal Female 90° Elbow Swivel  OFFX90
O-Ring Face Seal Male  OFM	O-Ring Boss Straight Thread Male  OBM	O-Ring Boss Straight Thread Male Swivel  OBMX	O-Ring Boss Straight Thread Male 90° Block Elbow Swivel  OBMX90B	Code 61 Flange  FL
Code 61 Flange 22.5° Elbow  FL22	Code 61 Flange 30° Elbow  FL30	Code 61 Flange 45° Elbow  FL45	Code 61 Flange 60° Elbow  FL60	Code 61 Flange 67° Elbow  FL67
Code 61 Flange 90° Elbow  FL90	Code 61 Flange 110° Elbow  FL110	Code 62 Flange  FH	Code 62 Flange 22.5° Elbow  FH22	Code 62 Flange 30° Elbow  FH30
Code 62 Flange 45° Elbow  FH45	Code 62 Flange 60° Elbow  FH60	Code 62 Flange 90° Elbow  FH90	Caterpillar® Flange  CF	Caterpillar® Flange 22.5° Elbow  CF22

Caterpillar® Flange

45° Elbow



CF45

Caterpillar® Flange

60° Elbow



CF60

Caterpillar® Flange

67° Elbow



CF67

Caterpillar® Flange

90° Elbow



CF90

IHUF Hammer Union

IHUF

IHUM Hammer Union

IHUM

BSPP (British Standard Pipe Parallel)Female
45° Elbow
Swivel

BPF45

BSPP (British Standard Pipe Parallel)Female
90° Elbow
Swivel

BPF90

BSPP (British Standard Pipe Parallel)

Male



BPM

BSPT (British Standard Pipe Tapered)

Male



BTM

BSP Flat Seat (British Standard Pipe)Female
Swivel

BFFX

DIN 24° LightFemale
Swivel

DLFX

DIN 24° LightFemale
45° Elbow
Swivel

DLFX45

DIN 24° LightFemale
90° Elbow
Swivel

DLFX90

DIN 24° Light

Male



DLM

DIN 24° HeavyFemale
Swivel

DHFX

DIN 24° HeavyFemale
45° Elbow
Swivel

DHFX45

DIN 24° HeavyFemale
90° Elbow
Swivel

DHFX90

DIN 24° Heavy

Male



DHM

DIN 60°Female
45° Elbow
Swivel

DNFX45

DIN 60°Female
90° Elbow
Swivel

DNFX90

Komatsu® 30° Flare with Metric ThreadsFemale
Swivel

KMFx

Komatsu® 30° Flare with Metric ThreadsFemale
45° Elbow
Swivel

KMFx45

Komatsu® 30° Flare with Metric ThreadsFemale
90° Elbow
Swivel

KMFx90

JIS 30° (Parallel Pipe Threads)Female
Swivel

JSFX

Hose Joiner

Female



HJ



Scan to view our
hydraulics catalog for
full product details.

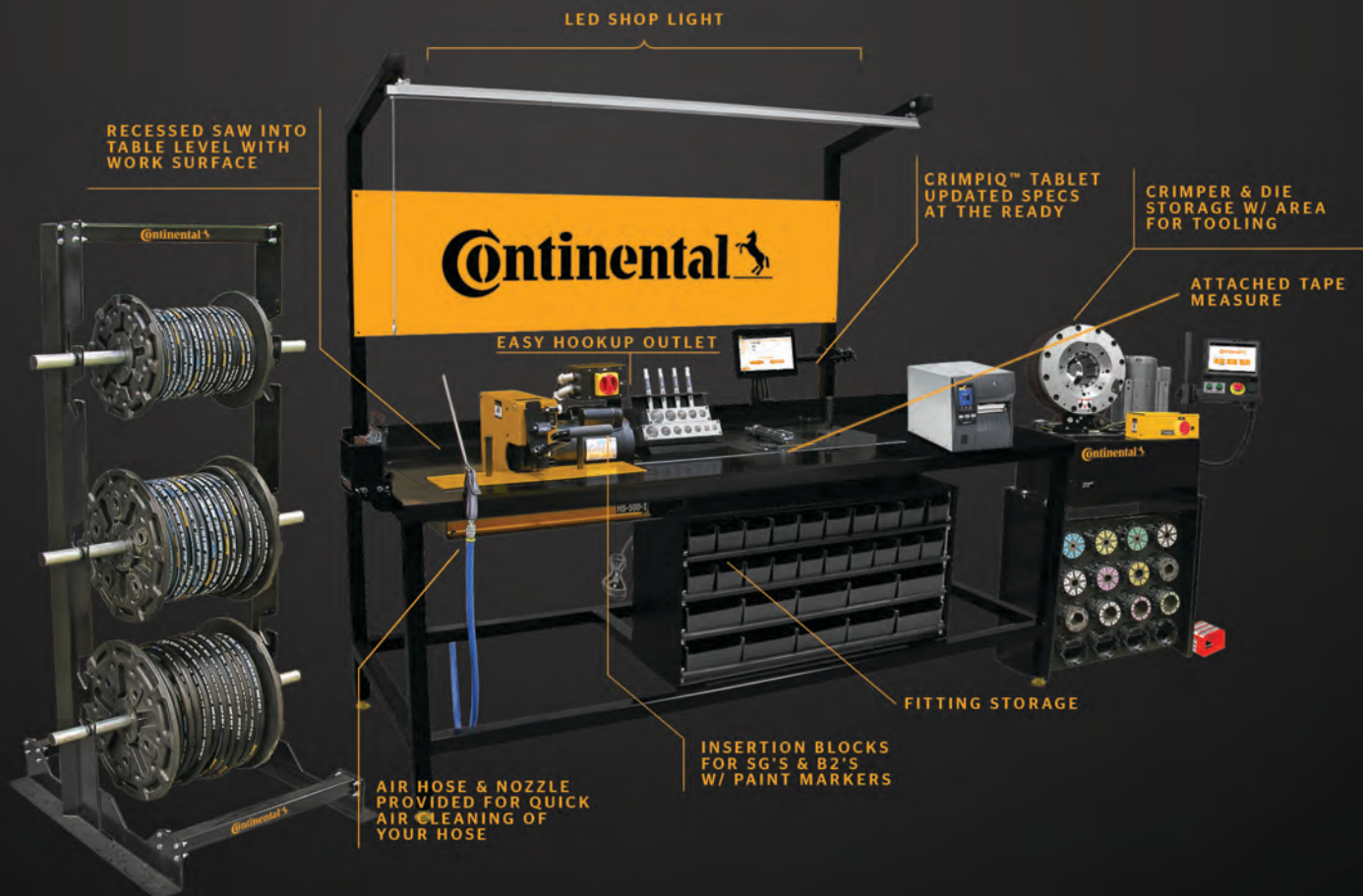
SHOP IN A BOX

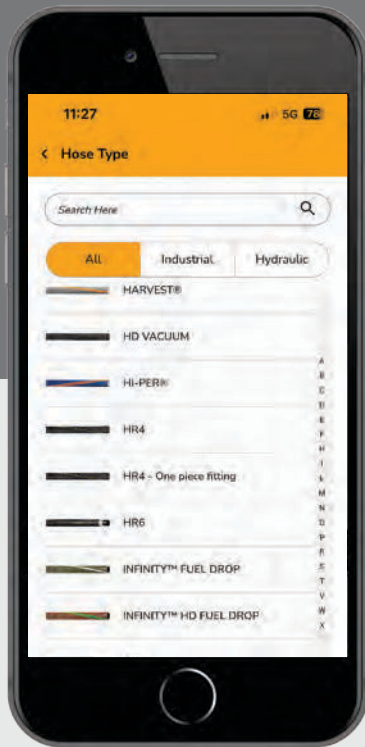
HOSE ASSEMBLY SOLUTIONS MADE EASY

Shop In A Box is our full turnkey crimping station that becomes your new profit center. It contains a crimper and all the accessories needed to produce premium Continental hydraulic or industrial hose assemblies right in your shop. All you have to do is supply the operator. Choose from four Shop In A Box options for your operation and watch your business grow.

WHAT'S INCLUDED?

- › 36" Hose Reel Rack
- › 6" LED Light Kit
- › 6" Continental Sign
- › Hose Helper
- › 10" Continental Air Hose with Nozzle
- › HS-501 Hose Saw
- › CrimpIQ™ Tablet & Mounting Arm
- › PC200i Tooling Box & Tooling Mat
- › PC200i Crimper (includes Dies, PC200 Rack & Tooling Box)
- › PC200 Rack
- › 4 Drawer Cabinet with Small & Large Bins
- › Foot Pedal
- › 5" 100V Power Strip
- › 4 Adjustable Feet
- › Tape Measure
- › Insertion Block Assembly





Mobile Services

GET THE MOST UP-TO-DATE SPECIFICATIONS

The **C-IQ Mobile** application provides users with up-to-date specifications to properly crimp Continental hydraulic hose and fittings. Users can search by hose style, coupling style, hose size and crimper. The application contains all the information required to properly set up and crimp the desired hose and fitting.

The new app features the same data you're accustomed to seeing, but now at your fingertips. And never wonder again if it is the most up-to-date version.

Search the app store for
C-IQ Mobile/Contitech

Download today for free!



Industrial Fluid Solutions

Market segment

Hydraulic Hose

Contact

Continental

703 S. Cleveland Massillon Road

Fairlawn, OH 44333-3023 U.S.A.

1-800-235-4632

www.continental-industry.com

Your local contact

www.contitech.de/contactlocator

Canada

1-888-275-4397

Mexico

1-800-439-7373