

ARMORCOAT™ ACP3

SAE 100R17 | High Pressure



- › Meets or exceeds the performance requirements of: SAE 100R17
- › Meets Flame Resistance USMSHA Designation
- › Abrasion Cover

Application

High-pressure hydraulic applications designed to replace SAE 100R1 where higher pressures, increased flexibility and maximum abrasion resistance are required.

Inner Tube

Nitrile

Reinforcement

One braid of high-tensile steel wire

Cover

Black Synthetic Rubber with ARMORCOAT™

Temperature Range

-40°F to 212°F (-40°C to 100°C)

Fitting Reference

All fittings compatible with the ACP3 hose family are listed in Section 1 (starting on page 54) of the catalog.

Branding

Example: Continental ContiTech ACP3-04 SAE 100R17 (Abrasion Cover) ¼" (6.4 mm) W.P. 3045 PSI (21.0 MPa) MSHA 2G-IC-14C/43

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	
ACP3-04	20706539	1/4	6.6	0.50	12.8	3045	21.0	2.0	51	12180	84.0	0.11
ACP3-06	20706643	3/8	9.7	0.65	16.5	3045	21.0	2.5	64	12180	84.0	0.17
ACP3-08	20706648	1/2	12.9	0.79	19.9	3045	21.0	3.5	89	12180	84.0	0.28
ACP3-10	20870407	5/8	15.9	0.95	24.1	3045	21.0	5.0	127	12180	84.0	0.41

Extended Life XCP4

SAE 100R19/ISO 11237 | Constant Pressure | Very High Pressure



- › Meets or exceeds the performance requirements of SAE 100R19 and ISO 11237
- › Meets Flame Resistance of USMSHA Designation
- › SAE J1942/U.S. Coast Guard Pending
- › ABS Pending
- › Extended Life Abrasion Resistant Cover

Application

Very high pressure hydraulic applications requiring extra abrasion resistance. Excellent impulse performance and flexibility meeting SAE 100R19 and ISO 11237 standards.

Inner Tube

Nitrile

Reinforcement

Two braids of high-tensile steel wire

Cover

Superior abrasion, oil & weather resistant synthetic rubber

Temperature Range

-40°F to 212°F (-40°C to 100°C)

Fitting Reference

All fittings compatible with the XCP4™ hose family are listed in Section 1 (starting on page 54) of the catalog.

Branding

Example: Continental ContiTech Extended Life XCP4-08 SAE 100R19 1/2" ISO 11237/ R19/12.5 4060 PSI (28.0 MPA, 280 BAR) MSHA 2G-IC-14C/37 MADE IN USA


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	
XCP4-04	20827919	1/4	6.4	0.54	13.8	4060	28	2.0	50.8	16240	112	0.26
XCP4-06	20826087	3/8	9.5	0.69	17.6	4060	28	2.5	63.5	16240	112	0.30
XCP4-08	20828100	1/2	12.7	0.82	20.9	4060	28	3.5	88.9	16240	112	0.42
XCP4-10	20828101	5/8	15.9	0.95	24.2	4060	28	4.0	101.6	16240	112	0.48
XCP4-12	20826123	3/4	19.0	1.14	29.0	4060	28	5.0	127.0	16240	112	0.66

SR12

SAE 100R12/EN 856 R12 | Very High Pressure



1/2 Bend 3/8" - 3/4"

- › Meets or exceeds the performance requirements of: SAE 100R12; EN 856 R12
- › Meets Flame Resistance USMSHA Designation
- › SAE J1942/U.S. Coast Guard 
- › ABS Type Pending

Application

Very high-pressure applications subject to surges or flexing such as oil and gas, construction equipment, mining and the high-performance industrial market.

Inner Tube

Polychloroprene

Reinforcement

Four alternating layers of spiralled high-tensile steel wire

Cover

Black Polychloroprene

Temperature Range

-40°F to 250°F (-40°C to 121°C)

Fitting Reference

All fittings compatible with the SR12 hose family are listed in Section 3 (starting on page 107) of the catalog.

Branding

Example: Continental ContiTech SR12-06 SAE 100R12/EN 856 R12 3/8 (DN10) W.P. 4100 PSI (28.0 MPa) MSHA 2G-IC-14C/44

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		
SR12-06	20703115	3/8	10	0.80	20.3	4100	28.0	2.5	65	16400	112	0.40	H
SR12-08	20703046	1/2	12	0.94	23.8	4100	28.0	3.5	90	16400	112	0.52	H
SR12-10	20703117	5/8	16	1.08	27.4	4100	28.0	4.0	100	16400	112	0.70	H
SR12-12	20703048	3/4	19	1.21	30.7	4100	28.0	4.7	120	16400	112	0.81	H
SR12-16	20693294	1	25	1.50	38.0	4100	28.0	11.8	300	16400	112	1.20	H
SR12-20	20703118	1¼	31	1.85	47.0	3050	21.0	16.5	420	12200	84	1.70	H
SR12-24	20703119	1½	38	2.10	53.5	2550	17.5	19.7	500	10200	70	2.05	H
SR12-32	20693298	2	51	2.60	66.7	2550	17.5	25.0	635	10200	70	2.82	H

ARMORCOAT™ ARC12

SAE 100R12/EN 856 R12 | Very High Pressure



1/2 Bend 3/8" - 3/4"

- › Meets or exceeds the performance requirements of: SAE 100R12; EN 856 R12
- › Meets Flame Resistance USMSHA Designation
- › Abrasion Cover

Application

Very high-pressure applications subject to surges or flexing such as construction equipment, mining and the high-performance industrial market where maximum abrasion resistance is required.

Inner Tube

Polychloroprene

Reinforcement

Four alternating layers of spiralled high-tensile steel wire

Cover

Black Synthetic Rubber with ARMORCOAT™

Temperature Range

-40°F to 250°F (-40°C to 121°C)

Fitting Reference

All fittings compatible with the ARC12 hose family are listed in Section 3 (starting on page 107) of the catalog.

Branding

Example: Continental ContiTech ARMORCOAT™ ARC12-06 SAE 100R12/EN 856 R12 (Abrasion Cover) 3/8" (DN10) W.P. 4100 PSI (28.0 MPa) MSHA 2G-IC-14C/43

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	
ARC12-06	20729168	3/8	10	0.80	20.2	4100	28.0	2.5	64	16400	112	0.44
ARC12-08	20715104	1/2	12	0.94	23.8	4100	28.0	3.5	90	16400	112	0.55
ARC12-10	20729176	5/8	16	1.11	28.2	4100	28.0	3.9	100	16400	112	0.72
ARC12-12	20715106	3/4	19	1.21	30.7	4100	28.0	4.7	120	16400	112	0.82
ARC12-16	20715107	1	25	1.50	38.0	4100	28.0	11.8	300	16400	112	1.21
ARC12-20	20729173	1¼	31	1.85	47.0	3050	21.0	16.5	420	12200	84	1.65
ARC12-24	20729174	1½	38	2.10	53.4	2550	17.6	19.7	500	10200	70	2.19
ARC12-32	20729175	2	51	2.63	66.7	2550	17.6	25.0	635	10200	70	3.13

SR13

SAE 100R13/EN 856 R13 | Very High Pressure



Application

Very high-pressure applications subject to surges or flexing such as construction equipment, mining and the high-performance industrial market.

Reinforcement


Four alternating layers of spiralled high-tensile steel wire (sizes 3/4" and 1") and six alternating layers of spiralled high-tensile steel wire (sizes 1¼", 1½" and 2")

Fitting Reference

All fittings compatible with the SR13 hose family are listed in Section 4 (starting on page 148) of the catalog.

› Meets or exceeds the performance requirements of: SAE 100R13; EN 856 R13

› Meets Flame Resistance USMSHA Designation

› SAE J1942/U.S. Coast Guard 

› ABS Type Pending

Inner Tube

Polychloroprene

Cover

Black polychloroprene

Temperature Range

-40°F to 250°F (-40°C to 121°C)

Branding

Example: Continental ContiTech SR13-12 SAE 100R13/EN 856 R13 3/4" (DN19) W.P. 5100 PSI (35.0 MPa) MSHA 2G-IC-14C/44

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		
SR13-12	20704441	3/4	19	1.26	32.1	5100	35.0	9.4	240	20400	140.7	1.09	H
SR13-16	20704442	1	25	1.52	38.7	5100	35.0	11.8	300	20400	140.7	1.42	H
SR13-20	20704443	1¼	31	1.96	49.8	5100	35.0	16.5	420	20400	140.7	2.69	H
SR13-24	20704449	1½	38	2.25	57.3	5100	35.0	19.7	500	20400	140.7	3.35	H
SR13-32	20704450	2	51	2.80	71.1	5100	35.0	25.2	640	20400	140.7	4.93	H

ARMORCOAT™ ARC13

SAE 100R13/EN 856 R13 | Very High Pressure



Application

Very high-pressure applications subject to surges or flexing such as construction equipment, mining and the high-performance industrial market where maximum abrasion resistance is required.

Reinforcement

Four alternating layers of spiralled high-tensile steel wire (3/4" and 1") and six alternating layers of spiralled high-tensile steel wire (size 1¼", 1½" and 2")

Fitting Reference

All fittings compatible with the ARC13 hose family are listed in Section 4 (starting on page 148) of the catalog. Note: No Continental ContiTech fitting recommendation on ARC13-10 hose size.

› Meets or exceeds the performance requirements of: SAE 100R13; EN 856 R13 (all sizes)

› Meets Flame Resistance USMSHA Designation

› Abrasion Cover

Inner Tube

Polychloroprene

Cover

Black Synthetic Rubber with ARMORCOAT™

Temperature Range

-40°F to 250°F (-40°C to 121°C)

Branding

Example: Continental ContiTech ARMORCOAT™ ARC13-12 SAE 100R13/EN 856 R13 (Abrasion Cover) 3/4" (DN19) W.P. 5100 PSI (35.0 MPa) MSHA 2G-IC-14C/43

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	
ARC13-12	20715111	3/4	19	1.26	32.1	5100	35.0	9.5	240	20400	140	0.97
ARC13-16	20715112	1	25	1.51	38.5	5100	35.0	11.8	305	20400	140	1.30
ARC13-20	20715113	1¼	31	1.96	49.8	5100	35.0	16.5	420	20400	140	1.73
ARC13-24	20715114	1½	38	2.26	57.3	5100	35.0	19.7	500	20400	140	3.27
ARC13-32	20715115	2	51	2.80	71.1	5100	35.0	25.2	640	20400	140	4.43

SR15

SAE 100R15 | Very High Pressure

**Application**

Designed specifically to handle severe high-pressure applications where pressure spikes or constant hydrostatic loads are present.

Inner Tube

Polychloroprene

Reinforcement

Four alternating layers of spiralled high-tensile steel wire (sizes 1/2", 5/8", 3/4" and 1") and six alternating layers of spiralled high-tensile steel wire (sizes 1 1/4" and 1 1/2")

Cover

Black polychloroprene

Temperature Range

-40°F to 250°F (-40°C to 121°C)

Fitting Reference

All fittings compatible with the SR15 hose family are listed in Section 4 (starting on page 148) of the catalog. Note: No Continental ContiTech fitting recommendation on SR15-08 and SR15-10 hose sizes.

Branding

Example: Continental ContiTech SR15-08 SAE 100R15 1/2" (12.7mm) W.P. 6100 PSI (42.0 MPa) MSHA 2G-IC-14C/44

› Meets or exceeds the performance requirements of: SAE 100R15

› Meets Flame Resistance USMSHA Designation

› SAE J1942/U.S. Coast Guard Pending

› ABS Type Pending

Descriptive #/ Product #	SAP #	Hose Size ID		Hose OD		Max. Working Pressure		Min. Bend Radius		Min. Burst Pressure		Weight lbs./ft.	USCG Pending
		in.	mm	in.	mm	psi	MPa	in.	mm	psi	MPa		
SR15-08	20714800	1/2	12	0.95	24.2	6100	42.0	7.9	200	24400	168.0	0.59	
SR15-12	20714785	3/4	19	1.26	32.0	6100	42.0	10.4	265	24400	168.0	1.09	
SR15-16	20714793	1	25	1.53	38.8	6100	42.0	13.0	330	24400	168.0	1.46	
SR15-20	20714794	1 1/4	32	1.89	48.0	6100	42.0	17.5	445	24400	168.0	2.41	
SR15-24	20714795	1 1/2	38	2.23	56.8	6100	42.0	20.9	530	24400	168.0	3.02	

ARMORCOAT™ ARC15

SAE 100R15 | Very High Pressure

**Application**

Designed specifically to handle severe high-pressure applications where pressure spikes or constant hydrostatic loads are present and maximum abrasion resistance is required.

Inner Tube

Polychloroprene

Reinforcement

Four alternating layers of spiralled high-tensile steel wire

Cover

Black Synthetic Rubber with ARMORCOAT™

Temperature Range

-40°F to 250°F (-40°C to 121°C)

Fitting Reference

All fittings compatible with the ARC15 hose family are listed in Section 4 (starting on page 148) of the catalog. Note: No Continental ContiTech fitting recommendation on ARC15-08 hose size.

Branding

Example: Continental ContiTech ARMORCOAT™ ARC15-08 SAE 100R15 (Abrasion Cover) 1/2" (12.7mm) W.P. 6100 PSI (42.0 MPa) MSHA 2G-IC-14C/43

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	
ARC15-08	20714906	1/2	12.7	1.06	26.8	6100	42.0	8.0	200	24400	168.0	0.59
ARC15-12	20714907	3/4	19.0	1.27	32.2	6100	42.0	10.5	265	24400	168.0	1.08
ARC15-16	20714908	1	25.4	1.53	38.8	6100	42.0	13.0	330	24400	168.0	1.48

S4SP

EN 856 4SP/DIN 20023 4SP | Very High Pressure



Application

Very high-pressure applications used for petroleum-based hydraulic fluids.

Reinforcement

Four alternating layers of spiralled high-tensile steel wire

Fitting Reference

All fittings compatible with the S4SP hose family are listed in Section 4 (starting on page 148) of the catalog.

- › Meets or exceeds the performance requirements of: EN 856 4SP; DIN 20023 4SP
- › Meets Flame Resistance USMSHA Designation
- › ABS Type Pending

Inner Tube

Polychloroprene

Cover

Black polychloroprene

Temperature Range

-40°F to 212°F (-40°C to 100°C)

Branding

Example: Continental ContiTech S4SP-06 EN 856 4SP 3/8" (DN10) W.P. 6455 PSI (45.0 MPa) MSHA 2G-IC-14C/44

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	
S4SP-06	20714777	3/8	10	0.84	21.4	6455	45.0	7.1	180	25820	178	0.51
S4SP-08	20714778	1/2	12	0.97	24.6	6020	41.5	9.0	230	24080	166	0.58
S4SP-10	20714779	5/8	16	1.11	28.2	5075	35.0	9.8	250	20300	140	0.73
S4SP-12	20714771	3/4	19	1.27	32.2	5510	38.0	11.8	300	22040	152	0.98
S4SP-16	20714773	1	25	1.56	39.7	4640	32.0	13.4	340	18560	128	1.30

S4SH

EN 856 4SH/DIN 20023 4SH | Very High Pressure



Application

Very high-pressure, pulsating applications used for petroleum-based hydraulic fluids.

Reinforcement

Four alternating layers of spiralled high-tensile steel wire

Fitting Reference

All fittings compatible with the S4SH hose family are listed in Section 4 (starting on page 148) of the catalog.

- › Meets or exceeds the performance requirements of: EN 856 4SH; DIN 20023 4SH
- › Meets Flame Resistance USMSHA Designation
- › ABS Type Pending

Inner Tube

Polychloroprene

Cover

Black polychloroprene

Temperature Range

-40°F to 212°F (-40°C to 100°C)

Branding

Example: Continental ContiTech S4SH-12 EN 856 4SH 3/4" (DN19) W.P. 6090 PSI (42.0 MPa) MSHA 2G-IC-14C/44

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	
S4SH-12	20706576	3/4	19	1.27	32.2	6090	42.0	11.0	280	24360	168.0	1.09
S4SH-16	20706577	1	25	1.52	38.7	5510	38.0	13.4	340	22040	152.0	1.42
S4SH-20	20706723	1 1/4	31	1.79	45.5	5080	35.0	17.9	455	20320	140.0	1.71
S4SH-24	20706724	1 1/2	38	2.11	53.5	4205	29.0	22.0	560	16820	116.0	2.19
S4SH-32	20706725	2	51	2.68	68.1	3650	25.0	28.0	710	14600	100.7	3.31