

AF AXXION FLEX

 USA BRAND



HYDRAULIC HOSES

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AFAXXION FLEX

HYDRAULIC HOSES



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A. Hydraulic Hose

B. High-Performance Hydraulic Hose



A. HYDRAULIC HOSE



Tube: Oil resistant synthetic rubber

Reinforcement: One or two high tensile steel wire braid

Cover: Abrasion and weather resistant synthetic rubber

Temperature range: -40°C to +100°C

AF1SN

Applicable standards: EN 853 1SN/SAE 100 R1S/ISO 1436-1 1SN



PRODUCT CODE	HOSE SIZE I.D.			HOSE O.D. mm	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS mm	WEIGHT kg/m
	DN	mm	inch		MPa	psi	MPa	psi		
AF1SN03	5	4.8	3/16	11.5	25	3625	100	14500	90	0.201
AF1SN04	6	6.4	1/4	12.7	22.5	3263	90	13050	100	0.244
AF1SN05	8	7.9	5/16	14.4	21.5	3118	86	12470	115	0.274
AF1SN06	10	9.5	3/8	16.5	18	2610	72	10440	130	0.363
AF1SN08	12	12.7	1/2	19.5	16	2320	64	9280	180	0.447
AF1SN10	16	15.9	5/8	23	13	1885	52	7540	200	0.539
AF1SN12	19	19.1	3/4	26.7	10.5	1523	42	6090	240	0.690
AF1SN16	25	25.4	1	34.5	8.7	1262	35	5046	300	0.987
AF1SN20	32	31.8	1 1/4	42.2	6.3	914	25	3654	420	1.205
AF1SN24	38	38.1	1 1/2	48.9	5	725	20	2900	500	1.405
AF1SN32	51	50.8	2	61.9	4	580	16	2320	630	1.910

AF2SN

Applicable standards: EN 853 2SN / SAE 100 R2S / ISO 1436-1 2SN



PRODUCT CODE	HOSE SIZE I.D.			HOSE O.D. mm	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS mm	WEIGHT kg/m
	DN	mm	inch		MPa	psi	MPa	psi		
AF2SN03	5	4.8	3/16	13.3	45	6525	180	26100	90	0.325
AF2SN04	6	6.4	1/4	14.3	40	5800	160	23200	100	0.384
AF2SN05	8	7.9	5/16	16.2	35	5075	140	20300	115	0.460
AF2SN06	10	9.5	3/8	18.3	33	4785	132	19140	130	0.551
AF2SN08	12	12.7	1/2	21.3	27.5	3988	110	15950	180	0.667
AF2SN10	16	15.9	5/8	24.8	25	3625	100	14500	200	0.822
AF2SN12	19	19.1	3/4	28.5	21.5	3118	86	12470	240	1.020
AF2SN16	25	25.4	1	36.3	16.5	2393	66	9570	300	1.380
AF2SN20	32	31.8	1 1/4	46.5	12.5	1813	50	7250	420	1.895
AF2SN24	38	38.1	1 1/2	52.6	9	1305	36	5220	500	2.120
AF2SN32	51	50.8	2	65.6	8	1160	32	4640	630	2.765
AF2SN40	64	50.8	2 1/2	79.3	7	1015	28	4060	760	3.730



AF4SP

Tube: Oil resistant synthetic rubber

Reinforcement: Four high tensile steel wire spiral layers

Cover: Abrasion and weather resistant synthetic rubber

Temperature range: -40°C to +100°C

Applicable standards: EN 856 4SP / ISO 3862-1 4SP



PRODUCT CODE	HOSE SIZE I.D.			HOSE O.D. mm	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS mm	WEIGHT kg/m
	DN	mm	inch		MPa	psi	MPa	psi		
AF4SP04	6	6.4	1/4	18.1	45	6525	180	26100	100	0.628
AF4SP06	10	9.5	3/8	21.6	44.5	6453	178	25810	110	0.8
AF4SP08	12	12.7	1/2	24.8	41.5	6018	166	24070	120	0.979
AF4SP10	16	15.9	5/8	28.5	35	5075	140	20300	140	1.273
AF4SP12	19	19.1	3/4	32.5	35	5075	140	20300	170	1.726
AF4SP16	25	25.4	1	39	28	4060	112	16240	340	2.324
AF4SP20	32	31.8	1 1/4	49.2	21	3045	84	12180	460	3.266
AF4SP24	38	38.1	1 1/2	57.2	18.5	2683	74	10730	560	3.894
AF4SP32	51	50.8	2	69.8	16.5	2393	66	9570	660	5.233

AFR3

Tube: Oil resistant synthetic rubber

Reinforcement: Two high tensile steel fibre braid

Cover: Abrasion and weather resistant synthetic rubber

Temperature range: -40°C to +100°C

Applicable standards: SAE 100 R3



PRODUCT CODE	HOSE SIZE I.D.			HOSE O.D. mm	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS mm	WEIGHT kg/m
	DN	mm	inch		MPa	psi	MPa	psi		
AFR303	5	4.8	3/16	12.7	10.5	1500	42	6000	75	0.153
AFR304	6	6.4	1/4	14.4	8.7	1300	35	5200	75	0.183
AFR305	8	7.9	5/16	17.1	8.4	1200	34	4800	100	0.256
AFR306	10	9.5	3/8	19	7.8	1100	31	4400	100	0.28
AFR308	12	12.7	1/2	23.2	7	1000	28	4000	125	0.413
AFR310	16	15.9	5/8	26.7	6.1	890	24	3560	140	0.509
AFR312	19	19.1	3/4	31	5.2	750	21	3000	150	0.636
AFR316	25	25.4	1	38	3.9	570	16	2280	205	0.844
AFR320	32	31.8	1 1/4	45	2.6	380	10	1520	250	1.059

AFR6

Tube: Oil resistant synthetic rubber

Reinforcement: One high tensile steel fibre braid

Cover: Abrasion and weather resistant synthetic rubber

Temperature range: -40°C to +100°C

Applicable standards: SAE 100 R6



PRODUCT CODE	HOSE SIZE I.D.			HOSE O.D. mm	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS mm	WEIGHT kg/m
	DN	mm	inch		MPa	psi	MPa	psi		
AFR603	5	4.8	3/16	10.9	3.5	500	14	2000	0.106	0.153
AFR604	6	6.4	1/4	12.6	2.8	400	11	1600	0.132	0.183
AFR605	8	7.9	5/16	14.3	2.8	400	11	1600	0.158	0.256
AFR606	10	9.5	3/8	16.4	2.8	400	11	1600	0.181	0.28
AFR608	12	12.7	1/2	19.5	2.8	400	11	1600	0.236	0.413
AFR610	16	15.9	5/8	23	2.4	350	10	1400	0.305	0.509
AFR612	19	19.1	3/4	26.6	2.1	300	8	1200	0.361	0.636

AFR7

Tube: Nylon Rubber Alloy

Reinforcement: One high tensile steel fibre braid

Cover: Nylon Rubber Alloy

Temperature range: -40°C to +100°C

Applicable standards: SAE 100 R7 / EN 855 R7



PRODUCT CODE	HOSE SIZE I.D.			HOSE O.D. mm	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS mm	WEIGHT kg/m
	DN	mm	inch		MPa	psi	MPa	psi		
AFR701	3	3.2	1/8	8.5	21	3000	84	12000	90	0.040
AFR703	5	4.8	3/16	10.5	21	3000	84	12000	90	0.080
AFR704	6	6.4	1/4	12.7	19.2	2800	77	11200	100	0.100
AFR705	8	7.9	1/4	12.7	17.5	2500	70	10000	115	0.140
AFR706	10	9.5	3/8	16.3	15.7	2300	63	9200	125	0.160
AFR708	12	12.7	1/2	20.1	14	2000	56	8000	180	0.220
AFR710	16	15.9	5/8	24.4	10.5	1500	42	6000	205	0.250
AFR712	19	19.1	3/4	26.4	8.7	1300	35	5200	240	0.300
AFR716	25	25.4	1	33.3	7	1000	28	4000	300	0.542



AFR8

Tube: Nylon Rubber Alloy

Reinforcement: One or two high tensile steel fibre braid

Cover: Nylon Rubber Alloy

Temperature range: -40°C to +100°C

Applicable standards: SAE 100 R8 / EN 855 R8



PRODUCT CODE	HOSE SIZE I.D.			HOSE O.D. mm	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS mm	WEIGHT kg/m
	DN	mm	inch		MPa	psi	MPa	psi		
AFR801	3	3.2	1/8	8.5	42	3000	168	12000	25	0.040
AFR803	5	4.8	3/16	10.5	35	3000	140	12000	90	0.080
AFR804	6	6.4	1/4	12.7	35	2800	140	11200	100	0.100
AFR806	10	9.5	3/8	16.3	28	2300	112	9200	125	0.160
AFR808	12	12.7	1/2	20.1	24.5	2000	98	8000	180	0.220
AFR810	16	15.9	5/8	24.4	19.2	1500	77	6000	205	0.250
AFR812	19	19.1	3/4	26.4	15.7	1300	63	5200	240	0.300
AFR816	25	25.4	1	33.3	14	1000	56	4000	300	0.542

AFR4

Tube: Oil resistant synthetic rubber

Reinforcement: High strength synthetic cord plus steel helix wire

Cover: Oil and weather resistant synthetic rubber

Temperature range: -40°C to +100°C

Applicable standards: SAE 100 R4



PRODUCT CODE	HOSE SIZE I.D.			HOSE O.D. mm	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS mm	WEIGHT kg/m
	DN	mm	inch		MPa	psi	MPa	psi		
AFR412	19	19.1	3/4	30.7	2.8	400	8	1200	125	0.600
AFR416	25	25.4	1	36.2	2.3	330	7	990	150	0.750
AFR420	32	31.8	1 1/4	43.8	2	300	6	900	200	0.900
AFR424	38	38.1	1 1/2	50.7	1.6	230	5	690	255	1.110
AFR432	51	50.8	2	65	1.4	200	4	600	300	1.430
AFR440	64	63.8	2 1/2	78.4	1	150	3	450	355	2.180
AFR448	76	76	3	91.7	0.7	100	2	300	460	2.600
AFR464	102	101.8	4	118.6	0.5	70	2	210	610	3.840

AFR5

Tube: Oil resistant synthetic rubber

Reinforcement: One high tensile steel wire braid

Cover: One layer of synthetic braided yarn

Temperature range: -40°C to +100°C

Applicable standards: SAE 100 R5



PRODUCT CODE	HOSE SIZE I.D.			HOSE O.D. mm	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS mm	WEIGHT kg/m
	DN	mm	inch		MPa	psi	MPa	psi		
AFR504	5	4.8	3/16	13	20.7	3000	82.8	12000	75	0.125
AFR505	6	6.4	1/4	14.6	20.7	3000	82.8	12000	85	0.146
AFR506	8	7.9	5/16	17	15.5	2250	62	9000	100	0.195
AFR508	10	10.3	13/32	19.3	14	2000	56	8000	115	0.235
AFR510	12	12.7	1/2	23.2	12.1	1760	48.4	7040	140	0.327
AFR512	16	15.9	5/8	27.2	10.3	1500	41.2	6000	165	0.423
AFR516	22	22.2	7/8	31.4	5.5	800	22	3200	185	0.429
AFR520	28	28.6	1 1/8	38.1	4.3	630	17.2	2520	230	0.594
AFR524	35	34.9	1 3/8	44.4	3.5	500	14	2000	265	0.658
AFR532	46	46	1 13/16	56.4	2.4	350	9.6	1400	335	1.021
AFR540	60	60.3	2 3/8	73	2.4	350	9.6	1400	610	1.584
AFR548	76	76.2	3	90.5	1.4	200	5.6	800	840	2.2





B. HIGH-PERFORMANCE HYDRAULIC HOSE



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HIGH-PERFORMANCE HYDRAULIC HOSE

AF1SC

- Tube:** High Temperature, High Impact synthetic rubber
- Reinforcement:** One high tensile steel wire braid
- Cover:** Abrasion and weather resistant synthetic rubber
- Temperature range:** -40°C to +120°C
- Applicable standards:** EN 857 1SC/ISO 1436-1 1SC



PRODUCT CODE	HOSE SIZE I.D.			HOSE O.D. mm	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS mm	WEIGHT kg/m
	DN	mm	inch		MPa	psi	MPa	psi		
AF1SC04	6	6.4	1/4	11.7	22.5	3263	90	13050	45	0.172
AF1SC05	8	7.9	5/16	13.4	21.5	3118	86	12470	55	0.197
AF1SC06	10	9.5	3/8	15.1	18	2610	72	10440	65	0.24
AF1SC08	12	12.7	1/2	18.1	16	2320	64	9280	90	0.296
AF1SC10	16	15.9	5/8	22.2	13	1885	52	7540	100	0.4
AF1SC12	19	19.1	3/4	25.4	10.5	1523	42	6090	150	0.474
AF1SC16	25	25.4	1	33.1	8.8	1276	35	5100	210	0.702

AF2SC

- Tube:** High Temperature, High Impact synthetic rubber
- Reinforcement:** Two high tensile steel wire braid
- Cover:** Abrasion and weather resistant synthetic rubber
- Temperature range:** -40°C to +120°C
- Applicable standards:** EN 857 2SC / ISO 1436-1 2SC / SAE 100 R16



PRODUCT CODE	HOSE SIZE I.D.			HOSE O.D. mm	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS mm	WEIGHT kg/m
	DN	mm	inch		MPa	psi	MPa	psi		
AF2SC04	6	6.4	1/4	13.1	40	5800	160	23200	45	0.276
AF2SC05	8	7.9	5/16	14.8	35	5075	140	20300	55	0.311
AF2SC06	10	9.5	3/8	16.5	33	4785	132	19140	65	0.383
AF2SC08	12	12.7	1/2	19.5	27.5	3988	110	15950	90	0.469
AF2SC10	16	15.9	5/8	23.6	25	3625	100	14500	100	0.606
AF2SC12	19	19.1	3/4	26.8	21.5	3118	86	12470	120	0.716
AF2SC16	25	25.4	1	34.5	16.5	2393	66	9570	150	1.009
AF2SC20	32	31.8	1 1/4	43.4	12.5	1813	50	7250	210	1.895



AFR17

Tube: High Temperature, High Impact synthetic rubber

Reinforcement: One or two high tensile steel wire braid

Cover: Abrasion and weather resistant synthetic rubber

Temperature range: -40°C to +120°C

Applicable standards: SAE 100 R17 / ISO 1237-1 R17



PRODUCT CODE	HOSE SIZE I.D.			HOSE O.D. mm	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS mm	WEIGHT kg/m
	DN	mm	inch		MPa	psi	MPa	psi		
AFR1703	5	4.8	3/16	10.6	21	3000	84	12000	50	0.229
AFR1704	6	6.4	1/4	11.9	21	3000	84	12000	50	0.169
AFR1705	8	7.9	5/16	13.6	21	3000	84	12000	55	0.207
AFR1706	10	9.5	3/8	15.3	21	3000	84	12000	65	0.237
AFR1708	12	12.7	1/2	18.9	21	3000	84	12000	90	0.335
AFR1710	16	15.9	5/8	24.4	21	3000	84	12000	100	0.665
AFR1712	19	19.1	3/4	28.3	21	3000	84	12000	120	0.826
AFR1716	25	25.4	1	35.5	21	3000	84	12000	150	1.08

AFR12

Tube: High Temperature, High Impact synthetic rubber

Reinforcement: Four high tensile steel wire spiral layers

Cover: Abrasion and weather resistant synthetic rubber

Temperature range: -40°C to +120°C

Applicable standards: SAE 100 R12, EN 856 R12, ISO 3862-1 R12



PRODUCT CODE	HOSE SIZE I.D.			HOSE O.D. mm	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS mm	WEIGHT kg/m
	DN	mm	inch		MPa	psi	MPa	psi		
AFR1206	10	9.5	3/8	21.6	28	4000	112	16000	100	0.733
AFR1208	12	12.7	1/2	24.8	28	4000	112	16000	120	0.893
AFR1210	16	15.9	5/8	27.6	28	4000	112	16000	140	1.16
AFR1212	19	19.1	3/4	30.9	28	4000	112	16000	150	1.298
AFR1216	25	25.4	1	39	28	4000	112	16000	220	1.942
AFR1220	32	32	1 1/4	47.5	21	3000	84	12000	250	2.523
AFR1224	38	38	1 1/2	54	17.5	2500	70	10000	500	2.921
AFR1232	51	51	2	68	17.5	2500	70	10000	630	4.627

AFR13

Tube: High Temperature, High Impact synthetic rubber
Reinforcement: Four or six high tensile steel wire spiral
Cover: Abrasion and weather resistant synthetic rubber
Temperature range: -40°C to +120°C
Applicable standards: SAE 100 R13, EN 856 R13, ISO 3862-1 R13



PRODUCT CODE	HOSE SIZE I.D.			HOSE O.D. mm	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS mm	WEIGHT kg/m
	DN	mm	inch		MPa	psi	MPa	psi		
AFR1312	19	19.1	3/4	32.5	35	5000	140	20000	240	1.642
AFR1316	25	25.4	1	41	35	5000	140	20000	300	2.259
AFR1320	32	31.8	1 1/4	51	35	5000	140	20000	420	3.859
AFR1324	38	38.1	1 1/2	58.5	35	5000	140	20000	500	4.879
AFR1332	51	50.8	2	72	35	5000	140	20000	630	6.908

AF4SH

Tube: High Temperature, High Impact synthetic rubber
Reinforcement: Four high tensile steel wire spiral layers
Cover: Abrasion and weather resistant synthetic rubber
Temperature range: -40°C to +120°C
Applicable standards: EN 856 4SH / ISO 3862-1 4SH



PRODUCT CODE	HOSE SIZE I.D.			HOSE O.D. mm	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS mm	WEIGHT kg/m
	DN	mm	inch		MPa	psi	MPa	psi		
AF4SH12	19	19.1	3/4	32.5	42	6090	168	24360	210	1.498
AF4SH16	25	25.4	1	39.5	38	5510	152	22040	220	2.111
AF4SH20	32	31.8	1 1/4	46.5	32.5	4713	130	18850	420	2.525
AF4SH24	38	38.1	1 1/2	53.5	29	4205	116	16820	560	3.022
AF4SH32	51	50.8	2	68	25	3625	100	14500	700	4.627



JET WASH HOSE

Tube: Temperature resistant synthetic rubber

Reinforcement: One or two high tensile steel wire braid

Cover: Abrasion and weather resistant synthetic rubber

Temperature range: -40°C to +150°C

AFJW1B



PRODUCT CODE	HOSE SIZE I.D.			HOSE O.D. mm	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS mm	WEIGHT kg/m
	DN	mm	inch		MPa	psi	MPa	psi		
AFJW1B04	6	6.4	1/4	12.7	25	3600	90	13050	100	0.220
AFJW1B05	8	7.9	5/16	14.4	25	3600	85	12325	115	0.260
AFJW1B06	10	9.5	3/8	16.5	25	3600	82	11890	130	0.335
AFJW1B08	12	12.7	1/2	19.5	25	3600	70	10150	180	0.410
AFJW2B04	6	6.4	1/4	14.3	40	5800	160	23200	100	0.380
AFJW2B05	8	7.9	5/16	16.2	40	5800	140	20300	115	0.435
AFJW2B06	10	9.5	3/8	18.3	40	5800	130	18850	130	0.550
AFJW2B08	12	12.7	1/2	21.3	40	5800	120	17400	180	0.640

AFJW2B - also available in two wire braid

AFJW1C

PRODUCT CODE	HOSE SIZE I.D.			HOSE O.D. mm	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS mm	WEIGHT kg/m
	DN	mm	inch		MPa	psi	MPa	psi		
AFJW1C04	6	6.4	1/4	11.7	25	3600	90	13050	50	0.180
AFJW1C05	8	7.9	5/16	13.4	25	3600	85	12325	55	0.200
AFJW1C06	10	9.5	3/8	15.1	25	3600	82	11890	60	0.260
AFJW1C08	12	12.7	1/2	18.1	25	3600	70	10150	70	0.345
AFJW2C04	6	6.4	1/4	13.1	40	5800	160	23200	50	0.285
AFJW2C05	8	7.9	5/16	14.8	40	5800	140	20300	55	0.335
AFJW2C06	10	9.5	3/8	16.5	40	5800	130	18850	65	0.420
AFJW2C08	12	12.7	1/2	19.5	40	5800	120	17400	80	0.575

AFJW2C - also available in two wire braid

HIGH-PERFORMANCE COLD RESISTANCE HYDRAULIC HOSE

AF2SNCW



Tube: Cold weather and High Temperature, High Impact synthetic rubber

Reinforcement: Two high tensile steel wire braid

Cover: Cold weather abrasion resistant synthetic rubber

Temperature range: -55°C to +120°C

Applicable standards: EN 853 2SN / SAE 100 R2S / ISO 1436-1 2SN

PRODUCT CODE	HOSE SIZE I.D.			HOSE O.D. mm	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS mm	WEIGHT kg/m
	DN	mm	inch		MPa	psi	MPa	psi		
AF2SNCW03	5	4.8	3/16	13.3	45	6525	180	26100	90	0.287
AF2SNCW04	6	6.4	1/4	14.3	40	5800	160	23200	100	0.310
AF2SNCW05	8	7.9	5/16	16.2	35	5075	140	20300	115	0.370
AF2SNCW06	10	9.5	3/8	18.3	33	4785	132	19140	130	0.460
AF2SNCW08	12	12.7	1/2	21.3	27.5	3988	110	15950	180	0.560
AF2SNCW10	16	15.9	5/8	24.8	25	3625	100	14500	200	0.680
AF2SNCW12	19	19.1	3/4	28.5	21.5	3118	86	12470	240	0.850
AF2SNCW16	25	25.4	1	36.3	16.5	2393	66	9570	300	1.180

AFR15CW



Tube: Cold weather and High Temperature, High Impact synthetic rubber

Reinforcement: Four or six high tensile steel wire spiral layers

Cover: Cold weather abrasion resistant synthetic rubber

Temperature range: -55°C to +120°C

Applicable standards: SAE 100 R15, EN 856 R15, ISO 3862-1 R15

PRODUCT CODE	HOSE SIZE I.D.			HOSE O.D. mm	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS mm	WEIGHT kg/m
	DN	mm	inch		MPa	psi	MPa	psi		
AFR15CW06	10	9.5	3/8	23.3	42	6000	168	24000	150	0.8
AFR15CW08	12	12.7	1/2	26.8	42	6000	168	24000	200	0.9
AFR15CW12	19	19.1	3/4	33	42	6000	168	24000	265	1.52
AFR15CW16	25	25.4	1	39.2	42	6000	168	24000	330	2.09
AFR15CW20	32	31.8	1 1/4	49	42	6000	168	24000	445	3.86
AFR15CW24	38	38.1	1 1/2	57.8	42	6000	168	24000	530	4.87



HIGH-PERFORMANCE COLD RESISTANCE HYDRAULIC HOSE

AFR3CW



Tube: Cold weather and High Temperature, High Impact synthetic rubber

Reinforcement: Two high tensile steel fibre braid

Cover: Cold weather abrasion resistant synthetic rubber

Temperature range: -55°C to +120°C

Applicable standards: SAE 100 R3

PRODUCT CODE	HOSE SIZE I.D.			HOSE O.D. mm	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS mm	WEIGHT kg/m
	DN	mm	inch		MPa	psi	MPa	psi		
AFR3CW03	5	4.8	3/16	12.7	10.5	1500	42	6000	75	0.153
AFR3CW04	6	6.4	1/4	14.4	8.7	1300	35	5200	75	0.183
AFR3CW05	8	7.9	5/16	17.1	8.4	1200	34	4800	100	0.256
AFR3CW06	10	9.5	3/8	19	7.8	1100	31	4400	100	0.28
AFR3CW08	12	12.7	1/2	23.2	7	1000	28	4000	125	0.413
AFR3CW10	16	15.9	5/8	26.7	6.1	890	24	3560	140	0.509
AFR3CW12	19	19.1	3/4	31	5.2	750	21	3000	150	0.636
AFR3CW16	25	25.4	1	38	3.9	570	16	2280	205	0.844
AFR3CW20	32	31.8	1 1/4	45	2.6	380	10	1520	250	1.059

STEAM HOSE

AFST170

Tube: EPDM Rubber

Reinforcement: One high tensile steel wire spiral layers

Cover: EPDM Rubber

Temperature range: -40°C-+170°C



PRODUCT CODE	HOSE SIZE I.D.			HOSE O.D. mm	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS mm	WEIGHT kg/m
	DN	mm	inch		MPa	psi	MPa	psi		
AFST17005	8	7.9	5/16	17.5	1.7	250	7	1000	115	0.376
AFST17006	10	9.5	3/8	19.7	1.7	250	7	1000	130	0.455
AFST17008	12	12.7	1/2	22.8	1.7	250	7	1000	180	0.565
AFST17010	16	15.9	5/8	26.1	1.7	250	7	1000	200	0.669
AFST17012	19	19.1	3/4	30.1	1.7	250	7	1000	240	0.827
AFST17016	25	25.4	1	38.1	1.7	250	7	1000	300	1.198
AFST17020	32	31.8	1 1/4	45.8	1.7	250	7	1000	420	1.354
AFST17024	38	38.1	1 1/2	53.3	1.7	250	7	1000	500	1.726
AFST17032	51	50.8	2	66.3	1.7	250	7	1000	630	2.185

AF AXXION FLEX



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