



US standard



GROWING TOGETHER

AS 504



PRODUCT DATA SHEET



Bias



A8



168



AS 504

AS 504 is an agro-industrial tire mainly designed for soil tillage, implement and material-handling operations. This tire, which features excellent self-cleaning properties and increased grip, is suitable for field trailers and telehandlers. AS 504 is available in several versions to meet specific end-user requirements: an "HD" version with a special cut-and-chip resistance compound, while the "special" version has a reinforced casing that ensures a longer tire life.

Technologies



Aramid Belted



Heavy Duty



Reinforced Carcass

Performance



Durability



Self-Cleaning



Traction



Stability



Cut and Chip Resistance

	US CODE	Tire size	Type	PR	LI/SS		Version	O.D. (In.)	S.W. (In.)	SLR (In.)	RC (In.)	TREAD DEPTH (32nds)	TIRE WEIGHT (lbs)	RIM	
					DW	FR								Rec.	Alt.
Ø 12"	94019199	6.5/80 - 12	TL	4	72 A8	84 A8	STD	23.9	6.7	11.1	72.3	18	17	5 J	5 JA
	94019182	6.5/80 - 12	TT	4	72 A8	84 A8	STD	23.9	6.7	11.1	72.3	18	15	5 J	5 JA
	94038602	6.5/80 - 12	TL	6	80 A8	93 A8	STD	23.9	6.7	11.1	72.3	18	18	5 J	5 JA
	94043828	6.5/80 - 12	TT	6	80 A8	93 A8	HD	23.9	6.7	11.1	72.3	19	18	5 J	5 JA
	94019205	6.5/80 - 12	TT	6	80 A8	93 A8	STD	23.9	6.7	11.1	72.3	18	15	5 J	5 JA
	94019236	7.00 - 12	TL	4	75 A8	88 A8	STD	26.9	7.4	12.2	80.7	23	26	4.5	-
	94019229	7.00 - 12	TT	4	75 A8	88 A8	STD	26.9	7.4	12.2	80.7	23	25	4.5	-
	94019274	7.00 - 12	TL	6	83 A8	95 A8	STD	26.9	7.4	12.2	80.7	23	27	4.5	-
	94019267	7.00 - 12	TT	6	83 A8	95 A8	STD	26.9	7.4	11.8	78.8	23	26	4.5	-
	94044139	7.00 - 12	TL	8	88 A8	100 A8	AB	26.9	7.4	12.2	80.7	23	31	4.5	-
	94037308	7.00 - 12	TL	8	88 A8	100 A8	SPL	26.9	7.4	12.2	80.7	23	31	4.5	-
	94063963	10.0/80 - 12	TL	-	109 A8	121 A8	STD	28.7	10.6	13.2	87.9	26	38	9.00	7.0
	94019434	11.0/65 - 12	TL	8	101 A8	114 A8	STD	27.6	10.7	12.6	81.6	28	42	9.00	-
	94019427	11.0/65 - 12	TT	8	101 A8	114 A8	STD	27.6	10.7	12.6	81.6	28	40	9.00	-
	94512409	24 X 8.50 - 12	TL	6	81 A8	94 A8	STD	24.0	8.5	11.2	69.3	21	232	7 JA ; 7.00 I	-

STD: Standard - HD: Heavy Duty - AB: Aramid Belted - SPL: Special

Tolerances: O.D. ± 2% - S.W. ± 2% - RC ± 2.5% - LI/SS = Load Index / Speed Symbol; S.W. = Section Width; O.D. = Overall Diameter; SLR = Static Loaded Radius; RC = Rolling Circumference; DW = Drive Wheel; FR = Free Rolling



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Performance



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Traction



Stability



Cut and Chip Resistance

	US CODE	Tire size	Type	PR	LI/SS		Version	O.D. (In.)	S.W. (In.)	SLR (In.)	RC (In.)	TREAD DEPTH (32nds)	TIRE WEIGHT (lbs)	RIM	
					DW	FR								Rec.	Alt.
Ø 12"	94060863	26 X 12.00 - 12	TL	-	112 A6		STD	25.5	12.2	11.7	76.1	21	39	10.50 AT	8.0 AT; 8.5 AT; 9.0 AT
	Ø 15"	94019144	5.00 - 15	TT	4	67 A8	79 A8	STD	25.9	5.5	12.1	77.0	20	13	3.50 D
	94052011	5.00 - 15	TL	6	75 A8	88 A8	STD	25.9	5.5	12.1	77.0	20	15	3.50 D	3.00 D; 4.00 E; 4 J
	94019151	5.00 - 15	TT	6	75 A8	88 A8	STD	25.9	5.5	12.1	77.0	20	13	3.50 D	3.00 D; 4.00 E; 4 J
	94019397	7.5 L - 15	TT	6	97 A8	109 A8	STD	30.1	8.3	13.9	89.8	31	31	6 LB	5 K; 5½ J; 5½ K
	94050314	7.5 L - 15	TL	8	100 A8	113 A8	AB HD	30.1	8.3	13.9	89.8	31	36	6 LB	5 K; 5½ J; 5½ K
	94019410	7.5 L - 15	TL	8	100 A8	113 A8	STD	30.1	8.3	13.9	89.8	31	34	6 LB	5 K; 5½ J; 5½ K
	94040711	7.5 L - 15	TT	8	100 A8	113 A8	HD	30.1	8.3	13.9	89.8	31	34	6 LB	5 K; 5½ J; 5½ K
	94019403	7.5 L - 15	TT	8	100 A8	113 A8	STD	30.1	8.3	13.9	89.8	31	32	6 LB	5 K; 5½ J; 5½ K
	94060092	400/50 - 15	TL	-	109 A8	121 A8	STD	31.1	15.6	14.5	94.0	25	61	13 LB	-
Ø 15.3"	94019441	10.0/75 - 15.3	TL	8	106 A8	119 A8	IND	30.9	10.4	14.2	94.6	29	46	9.00	-
	94018536	10.0/75 - 15.3	TL	8	106 A8	119 A8	STD	30.9	10.4	14.2	94.6	29	45	9.00	-
	94018529	10.0/75 - 15.3	TT	8	106 A8	119 A8	STD	30.9	10.4	14.2	94.6	29	43	9.00	-
	94018567	10.0/75 - 15.3	TL	10	111 A8	123 A8	STD	30.9	10.4	14.2	94.6	29	46	9.00	-
	94018598	10.0/75 - 15.3	TL	14	118 A8	130 A8	STD	30.9	10.4	14.2	94.6	29	47	9.00	-

STD: Standard - HD: Heavy Duty - AB HD: Aramid Belted Heavy Duty - IND: Industrial

Tolerances: O.D. ± 2% - S.W. ± 2% - RC ± 2.5% - LI/SS = Load Index / Speed Symbol; S.W. = Section Width; O.D. = Overall Diameter; SLR = Static Loaded Radius; RC = Rolling Circumference; DW = Drive Wheel; FR = Free Rolling



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Cut and Chip Resistance

	US CODE	Tire size	Type	PR	LI/SS		Version	O.D. (In.)	S.W. (In.)	SLR (In.)	RC (In.)	TREAD DEPTH (32nds)	TIRE WEIGHT (lbs)	RIM	
					DW	FR								Rec.	Alt.
Ø 15.3"	94027422	10.0/75 - 15.3	TL	18	123 A8	135 A8	STD	30.9	10.4	14.2	94.6	29	53	9.00	-
	94018604	10.0/75 - 15.3	TT	18	123 A8	135 A8	STD	30.9	10.4	14.2	94.6	29	51	9.00	-
	94018673	11.5/80 - 15.3	TL	8	114 A8	126 A8	STD	34.1	11.4	15.0	100.0	29	63	9.00	-
	94018666	11.5/80 - 15.3	TT	8	114 A8	126 A8	STD	34.1	11.4	15.0	100.0	29	58	9.00	-
	94018703	11.5/80 - 15.3	TL	10	119 A8	131 A8	STD	34.1	11.4	15.0	100.0	29	62	9.00	-
	94018727	11.5/80 - 15.3	TL	12	123 A8	135 A8	STD	34.1	11.4	15.0	100.0	29	65	9.00	-
	94060115	11.5/80 - 15.3	TL	12	123 A8	135 A8	SR	34.1	11.4	15.0	100.0	29	66	9.00	-
	94018710	11.5/80 - 15.3	TT	12	123 A8	135 A8	STD	34.1	11.4	15.0	100.0	29	61	9.00	-
	94018765	11.5/80 - 15.3	TL	14	126 A8	139 A8	STD	34.1	11.4	15.0	100.0	29	65	9.00	-
	94018758	11.5/80 - 15.3	TT	14	126 A8	139 A8	STD	34.1	11.4	15.0	100.0	29	61	9.00	-
Ø 16"	94039500	27 X 10 - 15.3	TL	8	95 A8	107 A8	STD	27.4	10.2	12.5	81.5	29	43	9.00	-
	94027439	27 X 10 - 15.3	TT	8	95 A8	107 A8	STD	27.4	10.2	12.5	81.5	29	41	9.00	-
	94056576	4.00 - 16	TT	4	66 A8	78 A8	STD	24.7	4.3	11.7	76.2	20	11	3.00 D	2.50 C
	94053346	6.00 - 16	TT	6	83 A8	95 A8	HD	28.9	6.5	13.5	86.2	22	21	4.00 E	4.50 E; 4½ K
	94019168	6.00 - 16	TT	6	83 A8	95 A8	STD	28.9	6.5	13.5	86.2	22	20	4.00 E	4.50 E; 4½ K

STD: Standard - SR: Stubble Resistant - HD: Heavy Duty

Tolerances: O.D. ± 2% - S.W. ± 2% - RC ± 2.5% - LI/SS = Load Index / Speed Symbol; S.W. = Section Width; O.D. = Overall Diameter; SLR = Static Loaded Radius; RC = Rolling Circumference; DW = Drive Wheel; FR = Free Rolling



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Cut and Chip Resistance

	US CODE	Tire size	Type	PR	LI/SS		Version	O.D. (In.)	S.W. (In.)	SLR (In.)	RC (In.)	TREAD DEPTH (32nds)	TIRE WEIGHT (lbs)	RIM	
					DW	FR								Rec.	Alt.
Ø 16"	94046812	6.00 - 16	TT	8	91 A8	103 A8	HD	28.9	6.5	13.5	86.2	22	22	4.00 E	4.50 E ; 4½ K
	94019304	7.50 - 16	TT	6	92 A8	104 A8	STD	31.6	8.2	14.6	97.4	27	29	5.50 F	6.00 F
	94019335	7.50 - 16	TL	8	99 A8	112 A8	STD	31.6	8.2	14.6	97.4	27	32	5.50 F	6.00 F
	94043026	7.50 - 16	TT	8	99 A8	112 A8	HD	31.6	8.2	14.6	97.4	28	31	5.50 F	6.00 F
	94019328	7.50 - 16	TT	8	99 A8	112 A8	STD	31.6	8.2	14.6	97.4	27	29	5.50 F	6.00 F
	94048830	9.0/70 - 16 (230/70 - 16)	TL	10	106 A8	119 A8	STD	29.9	8.7	14.0	90.0	29	44	W 7	-
	94053797	270/75 - 16 (10.0/75 - 16)	TL	-	111 A8	123 A8	STD	31.9	9.8	-	-	29	47	9.00	-
Ø 17"	94018833	15.0/55 - 17	TL	10	122 A8	134 A8	STD	35.0	15.0	15.6	102.7	29	73	13.00	13
	94018895	15.0/55 - 17	TL	14	128 A8	141 A8	STD	35.0	15.0	15.6	102.7	29	74	13.00	13
	94019137	19.0/45 - 17	TL	14	131 A8	144 A8	STD	34.1	18.3	15.3	101.5	32	89	16.00	-
	94064465	19.0/45 - 17	TL	16	134 A8	147 A8	STD	34.1	18.3	15.3	101.5	32	96	16.00	-
	94030903	420/55 - 17	TL	14	129 A8	142 A8	STD	35.8	16.9	16.0	106.8	25	93	13.00	-
	94032136	420/55 - 17	TL	16	133 A8	145 A8	STD	35.8	16.9	16.0	106.8	25	98	13.00	-
Ø 18"	94026579	7.50 - 18	TT	6	94 A8	106 A8	STD	33.6	8.2	16.0	104.3	27	31	5.50 F	4.50 E ; 6.00 F ; 5.00 F
	94019366	7.50 - 18	TT	8	101 A8	114 A8	STD	33.6	8.2	16.0	104.3	27	31	5.50 F	4.50 E ; 6.00 F ; 5.00 F

STD: Standard - HD: Heavy Duty

Tolerances: O.D. ± 2% - S.W. ± 2% - RC ± 2.5% - LI/SS = Load Index / Speed Symbol; S.W. = Section Width; O.D. = Overall Diameter; SLR = Static Loaded Radius; RC = Rolling Circumference; DW = Drive Wheel; FR = Free Rolling



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Heavy Duty



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Performance



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Self-Cleaning



Traction



Stability



Cut and Chip Resistance

	US CODE	Tire size	Type	PR	LI/SS		Version	O.D. (In.)	S.W. (In.)	SLR (In.)	RC (In.)	TREAD DEPTH (32nds)	TIRE WEIGHT (lbs)	RIM	
					DW	FR								Rec.	Alt.
Ø 18"	94065394	7.50 - 18	TT	12	111 A8	122 A8	STD	33.6	8.2	16.0	104.3	27	38	5.50 F	4.50 E; 6.00 F; 5.00 F
	94018628	10.5/80 - 18	TL	10	119 A8	131 A8	STD	35.7	10.8	16.9	105.2	27	68	W 9	9; W 8
	94044177	12.5/80 - 18	TL	12	129 A8	142 A8	SPL	38.9	12.1	17.2	113.9	35	95	W 9	9; 11
	94018789	12.5/80 - 18	TL	12	129 A8	142 A8	STD	38.9	12.1	17.2	113.9	35	91	W 9	9; 11
	94027262	12.5/80 - 18	TL	16	135 A8	148 A8	STD	38.9	12.1	17.2	113.9	35	93	W 9	9; 11
	94031252	12.5/80 - 18	TL	18	138 A8	150 A8	STD	38.9	12.1	17.2	113.9	35	99	W 9	9; 11
Ø 20"	94019373	7.50 - 20	TT	8	103 A8	116 A8	STD	35.6	8.2	16.6	106.1	27	35	5.50 F	4.50 E; 6.00 F; 5.00 F
	94019021	16.0/70 - 20	TL	10	135 A8	147 A8	STD	43.2	16.5	19.2	126.5	38	140	13	12 SDC; 14; 13 SDC
	94019045	16.0/70 - 20	TL	12	139 A8	151 A8	STD	43.2	16.5	19.2	126.5	38	140	13	12 SDC; 14; 13 SDC
	94019069	16.0/70 - 20	TL	14	142 A8	154 A8	STD	43.2	16.5	19.2	126.5	38	143	13	12 SDC; 14; 13 SDC
	94032808	16.0/70 - 20	TL	16	144 A8	156 A8	STD	43.2	16.5	19.2	126.5	38	145	13	12 SDC; 14; 13 SDC
	94035236	400/70 - 20	TL	-	149	A8	IND	43.2	16.1	19.2	126.5	38	143	13	12 SDC; 14; 13 SDC
Ø 24"	94018949	15.5/80 - 24	TL	10	142 A8	154 A8	STD	49.7	15.1	22.4	152.6	50	160	W 12	W 13; W 14 L
	94018963	15.5/80 - 24	TL	12	145 A8	157 A8	STD	49.7	15.1	22.4	152.6	50	164	W 12	W 13; W 14 L
	94019458	15.5/80 - 24	TL	14	148 A8	160 A8	SPL	49.7	15.1	22.4	152.6	50	165	W 12	W 13; W 14 L

STD: Standard - SPL: Special - IND: Industrial

Tolerances: O.D. ± 2% - S.W. ± 2% - RC ± 2.5% - LI/SS = Load Index / Speed Symbol; S.W. = Section Width; O.D. = Overall Diameter; SLR = Static Loaded Radius; RC = Rolling Circumference; DW = Drive Wheel; FR = Free Rolling



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Cut and Chip Resistance

Ø 24"	US CODE	Tire size	Type	PR	LI/SS		Version	O.D. (In.)	S.W. (In.)	SLR (In.)	RC (In.)	TREAD DEPTH (32nds)	TIRE WEIGHT (lbs)	RIM	
					DW	FR								Rec.	Alt.
	94018987	15.5/80 - 24	TL	14	148 A8	160 A8	STD	49.7	15.1	22.4	152.6	50	163	W 12	W 13 ; W 14 L
	94019007	15.5/80 - 24	TL	16	151 A8	163 A8	STD	49.7	15.1	22.4	152.6	50	170	W 12	W 13 ; W 14 L
	94019083	16.5/85 - 24	TL	10	146 A8	158 A8	STD	52.2	16.3	23.3	158.0	50	173	W 13	W 14 L ; W 15 L
	94019090	16.5/85 - 24	TL	12	151 A8	163 A8	STD	52.2	16.3	23.3	158.0	50	175	W 13	W 14 L ; W 15 L
	94019113	16.5/85 - 24	TL	16	155 A8	168 A8	STD	52.2	16.3	23.0	158.0	50	185	W 13	W 14 L ; W 15 L
	94034741	16.5/85 - 24	TT	16	155 A8	168 A8	STD	52.2	16.3	23.3	158.0	50	177	W 13	W 14 L ; W 15 L
	94035588	400/80 - 24	TL	-	156 A8		IND	49.7	15.5	22.3	143.9	50	166	W 13	W 12 ; W 14 L
	94035267	400/80 - 24	TL	-	162 A8		IND	49.7	15.5	22.3	143.9	50	170	W 13	W 12 ; W 14 L

STD: Standard - IND: Industrial



Tolerances: O.D. ± 2% - S.W. ± 2% - RC ± 2.5% - LI/SS = Load Index / Speed Symbol; S.W. = Section Width; O.D. = Overall Diameter; SLR = Static Loaded Radius; RC = Rolling Circumference; DW = Drive Wheel; FR = Free Rolling