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AS 504

PRODUCT DATA SHEET

NEWSIZE

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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

	Tire size	Type	PR	LI/SS		Version	S.W. (mm)	O.D. (mm)	SLR (mm)	RC (mm)	RIM	
				DW	FR						Rec.	Alt.
∅ 12"	6.5/80 - 12	TT	4	72 A8	84 A8	STD	169	608	283	1836	5 J	5 JA
	6.5/80 - 12	TL	4	72 A8	84 A8	STD	169	608	283	1836	5 J	5 JA
	6.5/80 - 12	TT	6	80 A8	93 A8	STD	169	608	283	1836	5 J	5 JA
	6.5/80 - 12	TL	6	80 A8	93 A8	STD	169	608	283	1836	5 J	5 JA
	6.5/80 - 12	TT	6	80 A8	93 A8	HD	169	608	283	1836	5 J	5 JA
	7.00 - 12	TT	4	75 A8	88 A8	STD	187	683	311	2049	4.5	-
	7.00 - 12	TL	4	75 A8	88 A8	STD	187	683	311	2049	4.5	-
	7.00 - 12	TT	6	83 A8	95 A8	STD	187	683	300	2001	4.5	-
	7.00 - 12	TL	6	83 A8	95 A8	STD	187	683	311	2049	4.5	-
	7.00 - 12	TL	8	88 A8	100 A8	AB	187	683	311	2049	4.5	-
	7.00 - 12	TL	8	88 A8	100 A8	SPL	187	683	311	2049	4.5	-
	10.0/80 - 12	TL	-	109 A8	121 A8	STD	270	730	335	2233	9.00	7.0
	11.0/65 - 12	TT	8	101 A8	114 A8	STD	273	700	321	2072	9.00	-
	11.0/65 - 12	TL	8	101 A8	114 A8	STD	273	700	321	2072	9.00	-
	24 X 8.50 - 12 NEWSIZE	TL	6	81 A8	94 A8	STD	216	610	284	1761	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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Cut and Chip Resistance

	Tire size	Type	PR	LI/SS		Version	S.W. (mm)	O.D. (mm)	SLR (mm)	RC (mm)	RIM	
				DW	FR						Rec.	Alt.
∅ 12"	26 X 12.00 - 12	TL	-	112 A6		STD	310	648	298	1932	10.50 AT	8.0 AT ; 8.5 AT ; 9.0 AT
∅ 15"	5.00 - 15	TT	4	67 A8	79 A8	STD	140	657	308	1957	3.50 D	3.00 D ; 4.00 E ; 4 J
	5.00 - 15	TT	6	75 A8	88 A8	STD	140	657	308	1957	3.50 D	3.00 D ; 4.00 E ; 4 J
	5.00 - 15	TL	6	75 A8	88 A8	STD	140	657	308	1957	3.50 D	3.00 D ; 4.00 E ; 4 J
	7.5 L - 15	TT	6	97 A8	109 A8	STD	210	765	354	2280	6 LB	5 K ; 5½ J ; 5½ K
	7.5 L - 15	TT	8	100 A8	113 A8	STD	210	765	354	2280	6 LB	5 K ; 5½ J ; 5½ K
	7.5 L - 15	TL	8	100 A8	113 A8	STD	210	765	354	2280	6 LB	5 K ; 5½ J ; 5½ K
	7.5 L - 15	TL	8	100 A8	113 A8	AB HD	210	765	354	2280	6 LB	5 K ; 5½ J ; 5½ K
	7.5 L - 15	TT	8	100 A8	113 A8	HD	210	765	354	2280	6 LB	5 K ; 5½ J ; 5½ K
	400/50 - 15	TL	-	109 A8	121 A8	STD	395	790	369	2387	13 LB	-
∅ 15.3"	10.0/75 - 15.3	TT	8	106 A8	119 A8	STD	264	785	360	2404	9.00	-
	10.0/75 - 15.3	TL	8	106 A8	119 A8	STD	264	785	360	2404	9.00	-
	10.0/75 - 15.3	TL	8	106 A8	119 A8	IND	264	785	360	2404	9.00	-
	10.0/75 - 15.3	TL	10	111 A8	123 A8	STD	264	785	360	2404	9.00	-
	10.0/75 - 15.3	TL	14	118 A8	130 A8	STD	264	785	360	2404	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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	Tire size	Type	PR	LI/SS		Version	S.W. (mm)	O.D. (mm)	SLR (mm)	RC (mm)	RIM	
				DW	FR						Rec.	Alt.
∅ 15.3"	10.0/75 - 15.3	TT	18	123 A8	135 A8	STD	264	785	360	2404	9.00	-
	10.0/75 - 15.3	TL	18	123 A8	135 A8	STD	264	785	360	2404	9.00	-
	11.5/80 - 15.3	TT	8	114 A8	126 A8	STD	290	867	380	2540	9.00	-
	11.5/80 - 15.3	TL	8	114 A8	126 A8	STD	290	867	380	2540	9.00	-
	11.5/80 - 15.3	TL	10	119 A8	131 A8	STD	290	867	380	2540	9.00	-
	11.5/80 - 15.3	TT	12	123 A8	135 A8	STD	290	867	380	2540	9.00	-
	11.5/80 - 15.3	TL	12	123 A8	135 A8	STD	290	867	380	2540	9.00	-
	11.5/80 - 15.3	TL	12	123 A8	135 A8	SR	290	867	380	2540	9.00	-
	11.5/80 - 15.3	TT	14	126 A8	139 A8	STD	290	867	380	2540	9.00	-
	11.5/80 - 15.3	TL	14	126 A8	139 A8	STD	290	867	380	2540	9.00	-
	27 X 10 - 15.3	TL	8	95 A8	107 A8	STD	260	695	317	2071	9.00	-
	27 X 10 - 15.3	TT	8	95 A8	107 A8	STD	260	695	317	2071	9.00	-
∅ 16"	4.00 - 16	TT	4	66 A8	78 A8	STD	110	628	296	1935	3.00 D	2.50 C
	6.00 - 16	TT	6	83 A8	95 A8	STD	164	735	343	2190	4.00 E	4.50 E ; 4½ K
	6.00 - 16	TT	6	83 A8	95 A8	HD	164	735	343	2190	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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	Tire size	Type	PR	LI/SS		Version	S.W. (mm)	O.D. (mm)	SLR (mm)	RC (mm)	RIM	
				DW	FR						Rec.	Alt.
∅ 16"	6.00 - 16	TT	8	91 A8	103 A8	HD	164	735	343	2190	4.00 E	4.50 E ; 4½ K
	7.50 - 16	TT	6	92 A8	104 A8	STD	209	803	372	2475	5.50 F	4.50 E ; 5.00 F ; 4.00 E ; 5 K ; 6 LB ; 6.00 F
	7.50 - 16	TL	8	99 A8	112 A8	STD	209	803	372	2475	5.50 F	4.50 E ; 5.00 F ; 4.00 E ; 5 K ; 6 LB ; 6.00 F
	7.50 - 16	TT	8	99 A8	112 A8	STD	209	803	372	2475	5.50 F	4.50 E ; 5.00 F ; 4.00 E ; 5 K ; 6 LB ; 6.00 F
	7.50 - 16	TT	8	99 A8	112 A8	HD	209	803	372	2475	5.50 F	4.50 E ; 5.00 F ; 4.00 E ; 5 K ; 6 LB ; 6.00 F
	9.0/70 - 16 (230/70 - 16)	TL	10	106 A8	119 A8	STD	222	760	355	2285	W 7	-
	270/75 - 16 (10.0/75 - 16)	TL	-	111 A8	123 A8	STD	250	810	-	-	9.00	-
∅ 17"	15.0/55 - 17	TL	10	122 A8	134 A8	STD	380	890	395	2608	13.00	13
	15.0/55 - 17	TL	14	128 A8	141 A8	STD	380	890	395	2608	13.00	13
	19.0/45 - 17	TL	14	131 A8	144 A8	STD	465	865	389	2578	16.00	-
	19.0/45 - 17	TL	16	134 A8	147 A8	STD	465	865	389	2578	16.00	-
	420/55 - 17	TL	14	129 A8	142 A8	STD	430	910	407	2712	13.00	-
	420/55 - 17	TL	16	133 A8	145 A8	STD	430	910	407	2712	13.00	-
∅ 18"	7.50 - 18	TT	6	94 A8	106 A8	STD	209	854	407	2649	5.50 F	4.50 E ; 6.00 F ; 5.00 F
	7.50 - 18	TT	8	101 A8	114 A8	STD	209	854	407	2649	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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	Tire size	Type	PR	LI/SS		Version	S.W. (mm)	O.D. (mm)	SLR (mm)	RC (mm)	RIM	
				DW	FR						Rec.	Alt.
∅ 18"	7.50 - 18	TT	12	111 A8	122 A8	STD	209	854	407	2649	5.50 F	4.50 E ; 6.00 F ; 5.00 F
	10.5/80 - 18	TL	10	119 A8	131 A8	STD	274	907	430	2672	W 9	9 ; W 8
	12.5/80 - 18	TL	12	129 A8	142 A8	STD	308	987	438	2892	W 9	9 ; 11
	12.5/80 - 18	TL	12	129 A8	142 A8	SPL	308	987	438	2892	W 9	9 ; 11
	12.5/80 - 18	TL	16	135 A8	148 A8	STD	308	987	438	2892	W 9	9 ; 11
	12.5/80 - 18	TL	18	138 A8	150 A8	STD	308	987	438	2892	W 9	9 ; 11
∅ 20"	7.50 - 20	TT	8	103 A8	116 A8	STD	209	904	422	2695	5.50 F	4.50 E ; 6.00 F ; 5.00 F
	16.0/70 - 20	TL	10	135 A8	147 A8	STD	418	1097	487	3214	13	12 SDC ; 14 ; 13 SDC
	16.0/70 - 20	TL	12	139 A8	151 A8	STD	418	1097	487	3214	13	12 SDC ; 14 ; 13 SDC
	16.0/70 - 20	TL	14	142 A8	154 A8	STD	418	1097	487	3214	13	12 SDC ; 14 ; 13 SDC
	16.0/70 - 20	TL	16	144 A8	156 A8	STD	418	1097	487	3214	13	12 SDC ; 14 ; 13 SDC
	400/70 - 20	TL	-	149 A8		IND	408	1097	487	3214	13	12 SDC ; 14 ; 13 SDC
∅ 24"	15.5/80 - 24	TL	10	142 A8	154 A8	STD	384	1262	570	3875	W 12	W 13 ; W 14 L
	15.5/80 - 24	TL	12	145 A8	157 A8	STD	384	1262	570	3875	W 12	W 13 ; W 14 L
	15.5/80 - 24	TL	14	148 A8	160 A8	SPL	384	1262	570	3875	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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	Tire size	Type	PR	LI/SS		Version	S.W. (mm)	O.D. (mm)	SLR (mm)	RC (mm)	RIM	
				DW	FR						Rec.	Alt.
∅ 24"	15.5/80 - 24	TL	14	148 A8	160 A8	STD	384	1262	570	3875	W 12	W 13 ; W 14 L
	15.5/80 - 24	TL	16	151 A8	163 A8	STD	384	1262	570	3875	W 12	W 13 ; W 14 L
	16.5/85 - 24	TL	10	146 A8	158 A8	STD	415	1325	584	4013	W 13	W 14 L ; W 15 L
	16.5/85 - 24	TL	12	151 A8	163 A8	STD	415	1325	584	4013	W 13	W 14 L ; W 15 L
	16.5/85 - 24	TT	16	155 A8	168 A8	STD	415	1325	584	4013	W 13	W 14 L ; W 15 L
	16.5/85 - 24	TL	16	155 A8	168 A8	STD	415	1325	584	4013	W 13	W 14 L ; W 15 L
	400/80 - 24	TL	-	156 A8		IND	394	1262	566	3655	W 13	W 12 ; W 14 L
	400/80 - 24	TL	-	162 A8		IND	394	1262	566	3655	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

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