

**Starfire**  
TIRES

# PRODUCT MANUAL



U.S. EDITION



**PASSENGER, PERFORMANCE, LIGHT TRUCK, SPORT UTILITY AND WINTER PRODUCTS**

SUV / LIGHT DUTY

# Starfire SF★510™

**All-Season**



**Starfire**  
TIRES

**STARFIRE STANDARD LIMITED WARRANTY  
VALUE HIGHWAY  
SUV SIZES**

The Starfire SF★510 is an SUV value design with premium all-season performance at “value tire” cost. The SF★510 has the size coverage focused on today’s most popular vehicles.

**Fitments:**

Various SUVs, CUVs and pickups

**UTQG**

TREADWEAR	TRACTION	TEMP.
500	A	B

**M+S Rated**

**MODERN HIGHWAY DESIGN**

The modern highway tread pattern is for popular crossover, SUV and light pickup vehicles.

**M+S RATING**

Provides excellent year-round, all-season performance.

**SEMI-SOLID CENTER RIB**

Provides a smooth ride and comfortable handling.

**CIRCUMFERENTIAL GROOVES**

See-through grooves help disperse water and slush from the tread to provide dependable all-season traction.

**VARIABLE PITCH TREAD**

Computer designed to provide a quiet-running tire at highway speeds.

**Starfire**  
TIRES

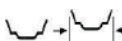


# Starfire SF★510™

SUV / LIGHT DUTY *All-Season*



S.D.



PSI



Material #	Item #	Sdwl.	Tire Size & Service Description	Approved Rim Widths	Max PSI	Pass Max Load	LT Max Load	Overall Diam.	Sect. Width	Tread Width	Rev. Per Mile	Tread Depth 32 <sup>nds</sup>	Tread Depth mm	Ship Wt. lbs	Ship Wt. kg	UPC
<b>STARFIRE SF-510</b>			<b>OUTLINE WHITE LETTER S-speed rated</b>													
9000007523	51045	OWL	215/70R16 100S	(6.5) 5.5-7.0	44	1764	1604	27.56	8.7	7.01	752	11.0	8.8	27	12.2	029142685869
9000007524	51032	OWL	225/70R16 103S	(6.5) 6.0-7.5	44	1929	1754	28.19	9.1	7.09	736	11.0	8.8	29	13.2	029142684275
9000007529	51046	OWL	225/75R16 104S	(6.0) 6.0-7.5	44	1984	1804	28.98	8.7	6.50	716	11.0	8.8	28	12.7	029142685883
9000007532	51041	OWL	235/65R17 104S	(7.0) 6.5-8.5	44	1984	1804	28.90	9.4	7.80	717	11.0	8.8	30	13.6	029142685852
9000007525	51033	OWL	235/70R16 106S	(7.0) 6.0-7.5	44	2094	1904	28.74	9.4	7.40	721	11.0	8.8	31	14.1	029142684282
9000007522	51039	OWL	235/75R15 105S	(6.5) 6.0-8.0	44	2039	1854	28.62	9.3	6.50	724	11.0	8.8	25	11.3	029142684244
9000007533	51030	OWL	245/65R17 107S	(7.0) 7.0-8.5	44	2149	1954	29.49	9.6	8.03	703	11.0	8.8	33	15.0	029142684336
9000007526	51031	OWL	245/70R16 107S	(7.0) 6.5-8.0	44	2149	1954	29.33	9.8	7.72	707	11.0	8.8	32	14.5	029142684299
9000007535	51043	OWL	245/70R17 110S	(7.0) 6.5-8.0	44	2337	2125	30.24	10.2	7.91	686	11.0	8.8	33	15.0	029142685845
9000007530	51038	OWL	245/75R16 111S	(7.0) 6.5-8.0	44	2403	2185	30.20	9.8	7.09	687	11.0	8.8	32	14.5	029142684251
9000007527	51037	OWL	255/70R16 111S	(7.5) 6.5-8.5	44	2403	2185	29.80	10.3	7.99	696	11.0	8.8	33	15.0	029142684305
9000007534	51042	OWL	265/65R17 112S	(8.0) 7.5-9.5	44	2469	2245	30.39	10.6	8.82	682	11.0	8.8	36	16.3	029142685876
9000007528	51035	OWL	265/70R16 112S	(8.0) 7.0-9.0	44	2469	2245	30.24	10.8	7.83	686	11.0	8.8	35	15.9	029142684312
9000007536	51036	OWL	265/70R17 115S	(8.0) 7.0-9.0	44	2679	2435	31.34	10.6	8.31	662	11.0	8.8	37	16.8	029142684329
9000007531	51040	OWL	265/75R16 116S	(7.5) 7.0-8.5	44	2756	2505	31.34	10.6	7.80	662	11.0	8.8	35	15.9	029142684268

**ALWAYS CONSULT AND FOLLOW THE VEHICLE MANUFACTURER REPLACEMENT TIRE RECOMMENDATIONS AND WARNINGS.** Use the information on the vehicle placard and vehicle owner's manual to identify original equipment inflation pressure, tire size, speed rating and load carrying capacity. Cooper Tire reserves the right to change and improve construction, materials or specifications without notice or obligation. Please refer to the back cover of this book for important tire safety considerations and recommendations.



LIGHT TRUCK

# Starfire SF★510<sup>LT</sup>

**All-Season**



**Starfire**  
TIRES

**STARFIRE STANDARD LIMITED WARRANTY  
VALUE ALL-TERRAIN  
LIGHT TRUCK SIZES**

The Starfire SF★510<sup>LT</sup> is a light truck value design with premium all-season performance at “value tire” cost. The SF★510<sup>LT</sup> has size coverage for today’s most popular vehicles.

**Fitments:**  
Various pickups

**M+S Rated**

#### **MODERN ALL-TERRAIN DESIGN**

The five-rib tread design creates a pattern of gripping edges that allows the tire to perform equally well on the road and off.

#### **M+S RATING**

Provides excellent year-round, all-season performance.

#### **WIDE FOOTPRINT / DUAL TREAD ARC**

A wider tread footprint along with a dual radius tread arc, gives this tire uniform pressure distribution across the contact patch for even wear and consistent grip.

#### **MODERN SIDEWALL STYLING**

Available in outline white letter and outline black letter styling in specific sizes.

#### **SIZING**

Contains the industry’s top range of sizes to fill the replacement requirements for the most popular pick-ups, and vans used for commercial or recreational purposes.

**Starfire**  
TIRES



# Starfire SF★510<sup>LT</sup>

LIGHT TRUCK All-Season



Material #	Item #	Sdwl.	Tire Size, Load Range & Service Description	Approved Rim Widths	Max PSI	Single Max Load	Dual Max Load	Overall Diam.	Sect. Width	Tread Width	Dual Spcg.	Rev. Per Mile	Tread Depth 32 <sup>nds</sup> mm	Ship Wt. lbs kg	UPC
<b>STARFIRE SF-510<sup>LT</sup></b>			<b>BLACK SIDEWALL AND OUTLINE WHITE LETTER</b>												
90000007537	51089	OWL	27X8.50R14LT C 95Q	(7.0) 6.0-7.5	50	1520	---	26.42	8.6	6.18	---	785	14.5 11.6	29 13.2	029142686200
90000007539	51017	OWL	30X9.50R15LT C 104R	(7.5) 6.5-8.5	50	1985	---	29.21	9.6	6.89	---	710	14.0 11.2	34 15.4	029142682646
90000007540	51016	OWL	31X10.50R15LT C 109R	(8.5) 7.0-9.0	50	2270	---	30.24	10.7	7.80	---	686	14.0 11.2	38 17.2	029142682653
90000007548	51015	BLK	LT215/85R16 E 115/112R	(6.0) 5.5-7.0	80	2680	2470	30.20	8.3	5.79	9.9	687	14.0 11.2	34 15.4	029142682677
90000007543	51021	BLK	LT225/75R16 E 115/112R	(6.0) 6.0-7.0	80	2680	2470	29.25	8.6	6.42	10.2	709	14.0 11.2	34 15.4	029142682691
90000007542	51011	OWL	LT235/75R15 C 104/101R	(6.5) 6.0-7.0	50	1985	1820	28.82	9.2	6.69	10.8	719	14.0 11.2	32 14.5	029142682660
90000007549	51012	BLK	LT235/85R16 E 120/116R	(6.5) 6.0-7.5	80	3042	2778	31.50	9.3	6.46	10.8	658	14.0 11.2	38 17.2	029142682684
90000007544	51013	BLK	LT245/75R16 E 120/116R	(7.0) 6.5-8.0	80	3042	2778	30.31	9.6	7.01	11.3	684	14.0 11.2	38 17.2	029142682707
90000019679	n/a	BLK	LT245/75R17 E 121/118S	(7.0) 6.5-7.5	80	3195	2910	31.55	10.0	7.10	11.3	657	14.0 11.1	44 20.0	029142805854
90000007550	51018	OWL	LT265/70R17 E 121/118R	(8.0) 7.0-8.5	80	3195	2910	31.50	10.9	7.99	12.4	658	14.0 11.2	46 20.9	029142682721
90000007545	51020	OWL	LT265/75R16 C 112/109R	(7.5) 7.0-8.0	50	2470	2270	31.46	10.6	7.60	12.2	659	14.0 11.2	39 17.7	029142682738
90000007546	51019	OWL	LT265/75R16 E 123/120R	(7.5) 7.0-8.0	80	3415	3085	31.50	10.6	7.60	12.2	658	14.0 11.2	43 19.5	029142682714
90000019770	n/a	BLK	LT275/70R18 E 125/122S	(8.0) 7.0-8.5	80	3640	3305	33.20	11.1	8.50	12.8	624	14.0 11.1	51 23.0	029142808244
90000007547	51010	OWL	LT285/75R16 D 122/119R	(8.0) 7.5-9.0	65	3305	3000	32.60	11.3	8.39	13.1	636	14.0 11.2	47 21.3	029142682745

If the dual max load and spacing is not noted here, please call the Cooper Tire Consumer Relations Department for a proper fitment recommendation.

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