



2022 FRP Tire Data



2/15/2022

General Settings:

			COLD	HOT
FRONT	Camber	Toe	PSI	PSI
	-3.0, +/- .5	1mm out, per side	16-17	19-20

FRONT		SIZE	CIRCUMF.	OVERALL	TREAD	SECTION	MEASURED	MEASURED	TIRE
CATALOG #		DESIGNATION	(in.)	DIAMETER	WIDTH	WIDTH	RIM	PSI	WEIGHT
				(in.)	(in.)	(in.)	(in.)		(lbs.)
43322	DRY	185/60R13 R60A	68.75	21.88	6.375"	7.688"	13X5.5	20	14.8
44421	WET	185/60R13 W3	68	21.65	6.5	7.55	13X5.5	20	15.8

VERTICAL DEFLECTION DATA: 13x5.5 rim

43322	185/60R13	Load(lbs)	16psi	20psi	24psi
	DRY	250	1056 lbs/in	1228 lbs/in	1345 lbs/in
		350	1090 lbs/in	1261 lbs/in	1382 lbs/in
		450	1122 lbs/in	1287 lbs/in	1413 lbs/in

General Settings:

			COLD	HOT
REAR	Camber	Toe	PSI	PSI
	-2.0, +/- .5	1mm in , per side	16-17	19-20

REAR		SIZE	CIRCUMF.	OVERALL	TREAD	SECTION	MEASURED	MEASURED	TIRE
CATALOG #		DESIGNATION	(in.)	DIAMETER	WIDTH	WIDTH	RIM	PSI	WEIGHT
				(in.)	(in.)	(in.)	(in.)		(lbs.)
43327	DRY	205/60R13 R60A	71.44	22.74	8	8.69	13X5.5	20	17.6
44426	WET	205/60R13 W3	72.75	23.16	7.38	8.4	13x5.5	20	17.3

VERTICAL DEFLECTION DATA: 13x5.5 rim

43327	205/60R13	Load(lbs)	16psi	20psi	24psi
	DRY	350	1021 lbs/in	1217 lbs/in	1382 lbs/in
		450	1026 lbs/in	1223 lbs/in	1388 lbs/in
		550	1032 lbs/in	1229 lbs/in	1392 lbs/in



2022 FRP Tire Data



2/15/2022

General Settings:

			COLD	HOT
FRONT	Camber	Toe	PSI	PSI
	-1.0, +/- .5	1mm out, per side	15-17	18-20

FRONT		SIZE	CIRCUMF.	OVERALL	TREAD	SECTION	MEASURED	MEASURED	TIRE
CATALOG #		DESIGNATION	(in.)	DIAMETER	WIDTH	WIDTH	RIM	PSI	WEIGHT
				(in.)	(in.)	(in.)	(in.)		(lbs.)
43164	DRY	20.5x7.0-13 R60A	66.2	21	6.8	8	13x6	18	12.4
44185	WET	21.0x6.5-13 W3	66.5	21.2	6.7	7.2	13x6	18	11.4

VERTICAL DEFLECTION DATA: 13x6 rim

43164 R60A 20.5x7.0-13	Load(lbs)	14 psi	16 psi	18 psi
DRY	200	736 lbs/in	798 lbs/in	842 lbs/in
	300	767 lbs/in	835 lbs/in	905 lbs/in
	400	853 lbs/in	859 lbs/in	982 lbs/in

General Settings:

			COLD	HOT
REAR	Camber	Toe	PSI	PSI
	-0.5, +/- .5	1mm in , per side	15-17	18-20

REAR		SIZE	CIRCUMF.	OVERALL	TREAD	SECTION	MEASURED	MEASURED	TIRE
CATALOG #		DESIGNATION	(in.)	DIAMETER	WIDTH	WIDTH	RIM	PSI	WEIGHT
				(in.)	(in.)	(in.)	(in.)		(lbs.)
43285	DRY	22.0x8.0-13 R60A	69	22	8	9.6	13x8	20	14.3
44196	WET	22.0x8.0-13 W3	69	22	7.8	8.9	13x8	20	12.9

VERTICAL DEFLECTION DATA: 13x8 rim

43285 R60A 22.0x8.0-13	Load(lbs)	16 psi	18 psi	20 psi
DRY	300	957 lbs/in	1014 lbs/in	1071 lbs/in
	400	1004 lbs/in	1067 lbs/in	1129 lbs/in
	500	1027 lbs/in	1104 lbs/in	1183 lbs/in



2022 FRP Tire Data



2/15/2022

General Settings:

			COLD	HOT
FRONT	Camber	Toe	PSI	PSI
	-3.0, +/- .5	1mm out, per side	16-17	19-20

FRONT		SIZE	CIRCUMF.	OVERALL	TREAD	SECTION MEASURED	MEASURED	TIRE
CATALOG #		DESIGNATION	(in.)	DIAMETER	WIDTH	WIDTH	RIM	WEIGHT
				(in.)	(in.)	(in.)	(in.)	(lbs.)
43576	DRY	23.0x9.5R15 S	72	22.9	9.4	10.7	15x10	16.6
44511	WET	23.0x9.0R15 W3	72.3	23	9.4	10.7	15x10	16.2

VERTICAL DEFLECTION DATA: 15x10 rim

43576	23.0x9.5R15	Load(lbs)	18psi	20psi	22psi
	DRY	305	1265 lbs/in	1351 lbs/in	1433 lbs/in
		465	1307 lbs/in	1373 lbs/in	1463 lbs/in
		625	1319 lbs/in	1388 lbs/in	1497 lbs/in

General Settings:

			COLD	HOT
REAR	Camber	Toe	PSI	PSI
	-2.0, +/- .5	1mm in , per side	16-17	19-20

REAR		SIZE	CIRCUMF.	OVERALL	TREAD	SECTION MEASURED	MEASURED	TIRE
CATALOG #		DESIGNATION	(in.)	DIA.	WIDTH	WIDTH	RIM	WEIGHT
				(in.)	(in.)	(in.)	(in.)	(lbs.)
43580	DRY	24.5x13.75R15 S	77	24.5	13.75	14.5	15x14	22.8
44516	WET	24.5x13.0R15 W3	76.6	24.4	13	15.1	15x14	21.6

VERTICAL DEFLECTION DATA: 15x14 rim

43580	24.5x13.75R15	Load(lbs)	18psi	20psi	22psi
	DRY	405	1338 lbs/in	1438 lbs/in	1525 lbs/in
		615	1394 lbs/in	1454 lbs/in	1587 lbs/in
		825	1405 lbs/in	1467 lbs/in	1594 lbs/in



2022 FRP Tire Data

NORTH AMERICAN FORMULA 1000 CHAMPIONSHIP

2/15/2022

General Settings:

FRONT	Camber	Toe	COLD PSI	HOT PSI
	-1.0, +/- .5	1mm out, per side	13-14	17-18

FRONT CATALOG #		SIZE DESIGNATION	CIRCUMF. (in.)	OVERALL DIAMETER (in.)	TREAD WIDTH (in.)	SECTION WIDTH (in.)	MEASURED RIM (in.)	MEASURED PSI	TIRE WEIGHT (lbs.)	Compound
43164	DRY	20.5x7.0-13	66.2	21	6.8	8	13x6	20	12.4	R20, R35B
44185	WET	21.0x6.5-13	66.5	21.2	6.7	7.2	13x6	20	11.4	W3

VERTICAL DEFLECTION DATA: 13x6 rim

43164	20.5x7.0-13	Load(lbs)	14 psi	16 psi	18 psi
	DRY	200	736 lbs/in	798 lbs/in	842 lbs/in
		300	767 lbs/in	835 lbs/in	905 lbs/in
		400	835 lbs/in	852 lbs/in	982 lbs/in

General Settings:

REAR	Camber	Toe	COLD PSI	HOT PSI
	-0.5, +/- .5	1mm in, per side	14-15	17-18

REAR CATALOG #		SIZE DESIGNATION	CIRCUMF. (in.)	OVERALL DIAMETER (in.)	TREAD WIDTH (in.)	SECTION WIDTH (in.)	MEASURED RIM (in.)	MEASURED PSI	TIRE WEIGHT (lbs.)	Compound
43285	DRY	22.0x8.0-13	69	22	8	9.6	13x8	20	14.3	R20, R35B
43290	DRY	22.0x9.0-13	69.5	22.1	8.8	10	13x8	20	14.9	R20, R35B
44196	WET	22.0x8.0-13	69	22	7.8	8.9	13x8	20	12.9	W3
44217	WET	22.0x9.0-13	71	22.6	9.6	10.6	13x9	20	14.6	W3

VERTICAL DEFLECTION DATA: 13x8 rim

43285	22.0x8.0-13	Load(lbs)	16psi	18psi	20psi
	Dry	300	957 lbs/in	1014 lbs/in	1071 lbs/in
		400	1004 lbs/in	1067 lbs/in	1129 lbs/in
		500	1027 lbs/in	1104 lbs/in	1183 lbs/in

VERTICAL DEFLECTION DATA: 13x9 rim

43290	22.0x9.0-13	Load(lbs)	16psi	18psi	20psi
	Dry	300	940 lbs/in	1007 lbs/in	1033 lbs/in
		400	1033 lbs/in	1059 lbs/in	1128 lbs/in
		500	1093 lbs/in	1139 lbs/in	1194 lbs/in



2022 FRP Tire Data

2/15/2022

Prototype, Pro Mazda & F4 Tire Configuration

General Settings:			COLD	HOT
FRONT	Camber	Toe	PSI	PSI
	-4.0, +/- .5	1mm out, per side	15-17	19-22

FRONT		SIZE	CIRCUMF.	OVERALL	TREAD	SECTION	MEASURED	MEASURED	TIRE
CATALOG #		DESIGNATION	(in.)	DIAMETER	WIDTH	WIDTH	RIM	PSI	WEIGHT
					(in.)	(in.)	(in.)		(lbs.)
43360	DRY	200/540R13 S	67.3	21.4	7.8	9.6	13x9	22	14.1
43362	DRY	210/550R13 S	68.64	21.85	8.63	10.02	13x9	22	14.7
44332	WET	210/550R13 WET	68.73	21.88	8.55	9.76	13x9	22	17

VERTICAL DEFLECTION DATA: 13x9 rim

43360	200/540R13	Load(lbs)	16psi	20psi	24psi
	DRY	250	1025 lbs/in	1143 lbs/in	1263 lbs/in
		350	1092 lbs/in	1217 lbs/in	1343 lbs/in
		450	1146 lbs/in	1276 lbs/in	1404 lbs/in

VERTICAL DEFLECTION DATA: 13x9 rim

43362	210/550R13	Load(lbs)	16psi	20psi	24psi
		250	1017 lbs/in	1140 lbs/in	1296 lbs/in
		350	1041 lbs/in	1162 lbs/in	1322 lbs/in
		450	1042 lbs/in	1184 lbs/in	1338 lbs/in

General Settings:			COLD	HOT
REAR	Camber	Toe	PSI	PSI
	-3.0, +/- .5	1mm in, per side	15-17	19-22

REAR		SIZE	CIRCUMF.	OVERALL	TREAD	SECTION	MEASURED	MEASURED	TIRE
CATALOG #		DESIGNATION	(in.)	DIAMETER	WIDTH	WIDTH	RIM	PSI	WEIGHT
				(in.)	(in.)	(in.)	(in.)		(lbs.)
43366	DRY	275/570R13 S	71.02	22.61	10.37	12.01	13x11	22	18.05
44334	WET	275/570R13 WET	70.84	22.58	10.41	12.05	13x11	22	20.85

VERTICAL DEFLECTION DATA: 13x11

43366	275/570R13	Load(lbs)	16psi	20psi	24psi
		350	1199 lbs/in	1365 lbs/in	1519 lbs/in
		450	1202 lbs/in	1384 lbs/in	1551 lbs/in
		550	1202 lbs/in	1393 lbs/in	1622 lbs/in



2022 FRP Tire Data



2/15/2022

General Settings:

			COLD	HOT
FRONT	Camber	Toe	PSI	PSI
	-1.0, +/- .5	1mm out, per side	13-14	17-18

FRONT		SIZE	CIRCUMF.	OVERALL	TREAD	SECTION	MEASURED	MEASURED	TIRE
CATALOG #		DESIGNATION	(in.)	DIAMETER	WIDTH	WIDTH	RIM	PSI	WEIGHT
				(in.)	(in.)	(in.)	(in.)		(lbs.)
43130	DRY	20.0x6.0-13 R60A	65	20.7	6	7	13x5.5	18	10
44332	WET	21.0x6.5-13 W3	66.5	21.2	6.7	7.2	13x6	18	11.4

VERTICAL DEFLECTION DATA: 13x5.5 rim

43130	20.0x6.0-13	Load(lbs)	14 psi	16 psi	18 psi
	DRY	200	930 lbs/in	940 lbs/in	973 lbs/in
		300	995 lbs/in	1021 lbs/in	1048 lbs/in
		400	1025 lbs/in	1058 lbs/in	1099 lbs/in

General Settings:

			COLD	HOT
REAR	Camber	Toe	PSI	PSI
	-0.5, +/- .5	1mm in, per side	16-17	18-19

REAR		SIZE	CIRCUMF.	OVERALL	TREAD	SECTION	MEASURED	MEASURED	TIRE
CATALOG #		DESIGNATION	(in.)	DIAMETER	WIDTH	WIDTH	RIM	PSI	WEIGHT
				(in.)	(in.)	(in.)	(in.)		(lbs.)
43307	DRY	22.5x7.2-13 R60A	71	22.6	7.25	9.8	13x5.5	18	16
44196	WET	22.0x8.0-13 W3	69	22	7.8	8.9	13x8	18	12.9

VERTICAL DEFLECTION DATA: 13x5.5 rim

43307	22.5x7.2-13	Load(lbs)	16psi	18psi	20psi
	Dry	200	890 lbs/in	897 lbs/in	927 lbs/in
		300	976 lbs/in	1008 lbs/in	1022 lbs/in
		400	1037 lbs/in	1072 lbs/in	1104 lbs/in