

USF Pro 2000
2025 Technical Data



Road Course

Catalog Number	Size	Sidewall Code	Diameter (in)	Circ. (in)	Loaded Radius (in)	Load (lbs)	Tread Width (in)	Section Width (in)	Measured Rim	Pressure (psi)	Weight (lbs)	TWI (in)
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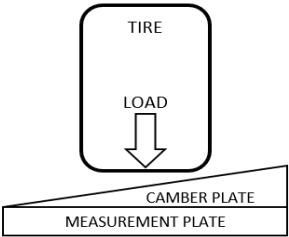
Slick

43410	210/550R13	USF	21.71"	68.21"	10.55"	300	8.68"	10.71"	13" x 10J	20	14.2	0.125"
43475	275/570R13	USF	22.48"	70.63"	10.92"	400	10.80"	12.77"	13" x 12J	20	16.9	0.125"

Wet

44322	210/550R13	USFW3	21.72"	68.22"	10.57"	300	8.68"	10.51"	13" x 10J	20	15.5	0.219"
44327	275/570R13	USFW3	22.41"	70.41"	10.86"	400	10.80"	12.91"	13" x 12J	20	17.9	0.219"

Tire Load and Deflection Rig Schematic



Vertical Deflection Data

43410 210/550R13 USF			Static Tangent Spring Rate (lbf/in) Deflection (in)				
Pressure (psi)	Load (lbs)	Camber (deg)					
		0	1	2	3	4	5
24	1000	1435 0.78	1400 0.78	1355 0.82	1340 0.85	1295 0.88	1310 0.91
	800	1355 0.63	1330 0.64	1315 0.67	1320 0.70	1290 0.73	1290 0.76
	600	1300 0.48	1300 0.48	1310 0.52	1310 0.54	1275 0.57	1245 0.60
22	1000	1360 0.84	1325 0.84	1285 0.87	1280 0.89	1235 0.93	1235 0.97
	800	1280 0.69	1255 0.68	1240 0.71	1245 0.73	1220 0.77	1220 0.80
	600	1215 0.53	1210 0.52	1225 0.55	1230 0.57	1210 0.60	1180 0.63
20	1000	1285 0.90	1250 0.89	1215 0.92	1215 0.94	1175 0.98	1165 1.02
	800	1205 0.74	1185 0.73	1165 0.76	1170 0.77	1150 0.81	1145 0.85
	600	1130 0.57	1120 0.55	1135 0.58	1155 0.60	1140 0.63	1115 0.67
18	1000	1200 0.96	1165 0.97	1145 1.00	1145 1.02	1110 1.06	1105 1.09
	800	1130 0.79	1100 0.80	1090 0.82	1090 0.84	1070 0.87	1060 0.90
	600	1055 0.61	1040 0.61	1055 0.63	1070 0.65	1055 0.68	1040 0.71
16	1000	1115 1.03	1080 1.06	1070 1.07	1070 1.09	1045 1.13	1040 1.16
	800	1055 0.84	1020 0.87	1015 0.88	1010 0.90	990 0.94	975 0.96
	600	985 0.65	955 0.67	975 0.68	980 0.70	970 0.73	965 0.75

43475 275/570R13 USF			Static Tangent Spring Rate (lbf/in) Deflection (in)				
Pressure (psi)	Load (lbs)	Camber (deg)					
		0	1	2	3	4	5
24	1000	1540 0.68	1540 0.69	1555 0.72	1550 0.75	1550 0.80	1480 0.85
	800	1505 0.55	1535 0.57	1550 0.59	1525 0.62	1490 0.67	1400 0.71
	600	1545 0.42	1545 0.43	1505 0.46	1445 0.49	1400 0.53	1300 0.56
22	1000	1475 0.72	1455 0.73	1455 0.76	1450 0.79	1470 0.84	1415 0.89
	800	1415 0.58	1435 0.59	1455 0.63	1435 0.65	1420 0.70	1345 0.74
	600	1440 0.44	1450 0.45	1430 0.49	1375 0.51	1335 0.55	1250 0.59
20	1000	1405 0.77	1370 0.77	1360 0.80	1350 0.84	1385 0.88	1350 0.93
	800	1325 0.62	1335 0.62	1360 0.66	1345 0.69	1345 0.73	1285 0.78
	600	1330 0.47	1350 0.48	1350 0.51	1305 0.54	1265 0.58	1195 0.61
18	1000	1315 0.83	1285 0.85	1255 0.88	1245 0.91	1270 0.95	1245 1.00
	800	1240 0.67	1230 0.69	1245 0.72	1235 0.75	1240 0.79	1195 0.84
	600	1215 0.51	1225 0.52	1240 0.56	1210 0.59	1180 0.63	1115 0.66
16	1000	1225 0.89	1200 0.92	1155 0.96	1140 0.99	1150 1.02	1145 1.08
	800	1155 0.73	1130 0.75	1125 0.78	1125 0.81	1130 0.85	1105 0.90
	600	1100 0.55	1100 0.57	1130 0.60	1115 0.63	1095 0.67	1040 0.71

44322 210/550R13 USFW3			Static Tangent Spring Rate (lbf/in) Deflection (in)				
Camber (deg)	Load (lbs)	Pressure (psi)					
		24	22	20	18	16	
0	1000	1425 0.77	1350 0.83	1270 0.88	1210 0.94	1155 1.01	
	800	1350 0.63	1275 0.67	1195 0.72	1140 0.77	1080 0.82	
	600	1300 0.48	1215 0.51	1130 0.55	1065 0.59	1000 0.63	

44327 275/570R13 USFW3			Static Tangent Spring Rate (lbf/in) Deflection (in)				
Camber (deg)	Load (lbs)	Pressure (psi)					
		24	22	20	18	16	
0	1000	1445 0.73	1375 0.78	1305 0.83	1240 0.90	1175 0.97	
	800	1420 0.59	1325 0.63	1235 0.67	1155 0.73	1080 0.79	
	600	1450 0.45	1345 0.48	1235 0.51	1135 0.55	1030 0.60	

Data is subjected to change. Last update on February 20th, 2025. Individual load and deflection plots available upon request.