

'97 세계 고무산업 현황

■ World Rubber Industry's Top 25

(Figures are estimates in millions of U.S. dollars, converted based on average annual currency rates)

Rank	Company	Headquarters	Rubber product sales	Total sales	Percent earnings	Corporate earnings	Profits as % of sales
1	Bridgestone	Japan	15,474	17,993	86	646.3	3.6
2	Michelin	France	12,988	13,943	93	609.0	4.4
3	Goodyear	U.S.	11,204	13,113	85	101.7	0.8
4	Continental	Germany	6,256	6,952	90	128.3	1.9
5	Sumitomo	Japan	4,817	5,353	90	43	0.8
6	Yokohama	Japan	3,478	3,700	94	34.5	0.9
7	Pirelli	Italy	3,000	6,636	45	300.0	4.3
8	BTR	United Kingdom	2,550	13,208	19	1402.0	10.6
9	Toyo	Japan	2,175	2,417	90	41.2	1.7
10	Freudenberg	Germany	1,631	3,590	45	133.3	3.7
11	Cooper	U.S.	1,619	1,619	100	107.9	6.7
12	Hutchinson	France	1,586	2,033	78	n.a.	n.a.
13	Gates	U.S.	1,550	1,630	95	n.a.	n.a.
14	Mark IV	U.S.	1,350	2,076	67	56.1	2.7
15	Kumho	South Korea	1,355	1,517	89	7.7	0.5
16	Hankook	South Korea	1,135	1,267	90	12.6	1.0
17	NOK	Japan	1,120	1,723	65	n.a.	n.a.
18	Pacific Dunlop	Australia	1,014	4,830	21	(99.3)	a.a.
19	Tokai	Japan	996	1,328	75	45.4	3.4
20	Ohtsu	Japan	944	944	100	2.8	0.3
21	Laird	United Kingdom	930	1,551	60	45.0	2.9
22	Phoenix	Germany	824	969	85	207	2.1
23	Standard Products	U.S.	775	1,084	73	14.6	1.3
24	Toyoda Gosei	Japan	760	1,901	40	n.a.	n.a.
25	Tokai Kogyo	Japan	756	2,289	33	(126.4)	n.a.

■ 1997 Global Tire Company Rankings (Based on 1996 sales)

No.	Company/Headquarters	1996		1995	
		Tire sales	Percent of total corp. sales	Tire sales	Percent of total corp. sales
1	Michelin/France	13,100	94	12,413	92
2	Bridgestone/Japan	12,900	72	12,740	71
3	Goodyear/U.S.	11,705	84	11,024	84
4	Continental/Germany	4,675	67	4,866	68
5	Sumitomo/Japan	4,000	75	4,137	73

No.	Company/Headquarters	1996		1995	
		Tire sales	Percent of total corp. sales	Tire sales	Percent of total corp. sales
6	Pirelli/Italy	3,145	47	2,987	45
7	Yokohama/Japan	2,600	70	2,860	71
8	Toyo/Japan	1,378	57	1,503	57
9	Cooper Tire/U.S.	1,372	85	1,267	85
10	Kumho/South Korea	1,355	89	1,147	83
11	Hankook/South Korea	1,135	90	1,073	94
12	Ohtsu/Japan	987	95	908	95
13	MRF/India	551	96	482	98
14	Shanghai/China	480	99	381	89
15	Chen-Shin/Taiwan	375	99	339	99
16	Gadjah Tunggal/Indonesia	364	86	293	88
17	Apollo/India	353	100	376	100
18	Ceat-Tyres/India	N.A.	N.A.	322	90
19	China Tire/China	314	98	290	98
20	Modi/India	299	100	290	100
21	Brisa/Turkey	298	99	278	100
22	CIL/Mexico	286	95	210	94
23	Titan/U.S.	270	43	261	42
24	JK Industries/India	255	83	238	93
25	Vredestein/Netherlands	243	81	253	81
26	Chengshan/China	227	75	147	74
27	Nokian/Finland	225	90	230	90
28	Firestone South Africa/ South Africa	225	N.A.	N.A.	N.A.
29	Shandong Tyre/China	214	80	142	80
30	FATE/Argentina	209	95	150	95
31	Dunlop Africa	200	1.5	N.A.	N.A.
32	Matador/Slovakia	193	76	196	76
33	Trelleborg/Sweden	190	28	175	29
34	Tycon/South Africa	188	N.A.	N.A.	N.A.
35	Sava Semperit/Slovenia	177	N.A.	159	91
36	Gentyre/South Africa	166	100	85	99
37	Qingdao No.2/China	164	95	174	95
38	Woosung/South Korea	162	99	150	98
39	Birla/India	161	100	164	100
40	Hualin/China	158	99	141	99
41	Kenda/Taiwan	153	99	137	97
42	Avon/United Kingdom	152	28	143	31
43	Icollantes/Colombia	151	93	163	92
44	DMIB/Malaysia	148	92	134	92
45	Yinchuan/China	144	90	121	91
46	Nankang/Taiwan	137	100	133	100
47	Dong Feng/China	137	80	151	79
48	Dunlop India/India	128	75	177	75
49	Henan Tyre/China	125	80	97	80
50	Taurus/Hungary	124	73	116	71
Subtotal		67,035		65,275	
Others		3,500		3,500	
TOTAL		70,535		68,775	

■ Top 25 in Non-Tire Rubber Sales

(Figures are estimates in millions of U.S. dollars, converted based on average annual currency rates)

Rank	Company	Headquarters	1996 Non-tire rubber sales	% of Corporate sales	1996 Total corporate sales	Corporate earnings
1	Bridgestone	Japan	2,520	14	17,993	646.3
2	BTR	United Kingdom	2,350	18	13,208	1402.0
3	Freudenberg	Germany	1,631	45	3,590	133.3
4	Hutchinson	France	1,586	78	2,033	n.a.
5	Gates	U.S.	1,550	95	1,630	n.a.
6	Continental	Germany	1,405	20	9,652	128.3
7	Mark IV	U.S.	1,390	67	2,076	56.1
8	NOK	Japan	1,121	65	1,723	n.a.
9	Goodyear	U.S.	1,109	9	13,113	101.7
10	Tokai	Japan	996	75	1,328	45.4
11	Laird	United Kingdom	930	60	1,551	45.0
12	Sumitomo	Japan	910	17	5,353	43.0
13	Toyoda Gosei	Japan	854	40	2,143	n.a.
14	Phoenix	Germany	824	89	969	20.7
15	Yokohama	Japan	814	22	3,700	34.5
16	Toyo	Japan	798	33	2,417	41.2
17	Standard Products	U.S.	788	73	1,084	14.6
18	Tokai Kogyo	Japan	756	33	2,289	n.a.
19	Pacific Dunlop	Australia	725	15	4,830	(99.0)
20	Bandag	U.S.	696	92	757	81.6
21	GenCorp	U.S.	575	38	1,514	41.7
22	Bando	Japan	568	75	757	n.a.
23	Kinugawa	Japan	556	100	556	n.a.
24	Aeroquip-Vickers	U.S.	509	25	2,034	102.7
25	Trelleborg	Sweden	490	15	3,071	151.9

■ Research and Development Spending

Rank/Company	Total (millions of dollars)		Percent change	as Percent of sales		as Percent of operating income		Dollars per employee	
	1995	1996		1995	1996	1995	1996	1995	1996
1. Goodyear	369.3	374.5	1.4	2.8	2.9	60.4	55.5	4,159	4,101
2. Mark IV	36.8	44.5	20.9	2.1	2.1	19.5	19.9	2,022	2,816
3. Standard Products	33.2	40.9	23.2	3.3	3.8	84.3	105.1	3,297	3,718
4. Cooper	16.8	19.7	17.3	1.1	1.2	9.5	11.4	2,028	2,206
5. Banding	12.6	16.2	28.6	1.7	2.3	9.5	10.3	5,070	6,252
6. West	12.0	11.2	(6.7)	2.9	2.4	24.1	34.3	2,303	2,222
7. Safeskin	1.5	2.2	46.7	1.3	1.5	8.7	8.3	585	518

〈수원대 고분자공학과 정경호〉