

98 일본 포장기자재 업계현황

일본의 포장산업계는 지난 해 경기침체로 인해 전반적으로 위축된 경향을 보였으며 올 상반기부터 점차 회복되는 움직임이 보이고 있다.

우리나라의 포장산업계는 일본으로 많은 포장재가 수출되고 있는 만큼 일본산업계의 움직임에 관심을 기울일 수 밖에 없는 실정이다.

이번호의 특집인 '국내외 포장재 수급동향'에서는 일본의 포장관련 단체에서 발표한 98년 부직포, 지·판지, 가공기계·포장기계, 폴리올레핀, 폴리프로필렌, 플라스틱가공기계·시트, 알루미늄박 각 분야별 통계를 게재하여 국내업체들에게 일본 포장산업에 대한 정보를 제공하고자 한다.

-편집자주-

[표 1] 부직포

구분	생산수량		관				1999년 1월말까지 (t)	생산능력 월간/ 기동별
	1999년1월	1월누계	수량 (t)		액(백만엔)			
			1999년1월	1월누계	1999년1월	1월누계		
부직포합계	23,909 101.2%	23,909 101.2%	22,173 101.0%	22,173 101.0%	13,978 93.9%	13,978 93.9%	19,925 89.3%	31,881 75.0%
건식부직포계	22,478 101.5%	22,478 101.5%	20,623 100.4%	20,623 100.4%	12,736 93.3%	12,736 93.3%	17,732 88.7%	29,305 78.7%
케미칼부소두	4,000 102.1%	4,000 102.1%	3,544 106.6%	3,544 106.6%	2,492 93.2%	2,492 93.2%	2,879 58.5%	5,795 69.0%
세말부소두	3,235 98.1%	3,235 98.1%	2,807 93.8%	2,807 93.8%	1,790 90.6%	1,790 90.6%	2,527 102.3%	4,813 67.2%
니돌파소치	7,586 104.6%	7,586 104.6%	7,172 101.5%	7,172 101.5%	4,733 94.4%	4,733 94.4%	7,107 94.9%	9,546 79.5%
수파소부소두·멜투부로	5,522 96.3%	5,522 96.3%	5,171 94.6%	5,171 94.6%	2,437 89.3%	2,437 89.3%	3,651 97.1%	6,214 88.9%
수파소계수	1,292 100.5%	1,292 100.5%	1,217 103.9%	1,217 103.9%	914 97.9%	914 97.9%	885 133.5%	2,090 61.8%
기타	844 130.9%	844 130.9%	713 134.8%	713 134.8%	370 115.6%	370 115.6%	682 99.4%	847 99.6%
혼식 부직포	1,431 95.8%	1,431 95.8%	1,550 110.2%	1,550 110.2%	1,242 99.7%	1,242 99.7%	2,194 93.6%	2,556 56.0%

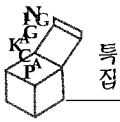
*아래의 %는 전년동월 동기비
*조사대상은 종업원 20명 이상 업체

[표 2] 지·판지

구 분	생 산 수 량		판 수 량		매 금 액(백만엔)		1999년 1월말재고 (t)
	1999년1월	1월누계	1999년1월	1월누계	1999년1월	1월누계	
지·판지계	2,332,824 96.6%	2,332,824 96.6%	2,237,437 101.4%	2,237,437 101.4%	215,211 91.7%	215,211 91.7%	2,054,535 96.6%
지 계	1,423,166 96.7%	1,423,166 96.7%	1,396,394 101.1%	1,396,394 101.1%	168,005 91.0%	168,005 91.0%	1,378,988 97.1%
신문권취지	257,967 98.9%	257,967 98.9%	272,071 103.4%	272,071 103.4%	32,740 95.2%	32,740 95.2%	283,831 93.1%
인쇄·정보용지 계	877,448 96.0%	877,448 96.0%	862,902 101.9%	862,902 101.9%	90,407 87.6%	90,407 87.6%	831,389 97.8%
비도공소계	242,549 95.6%	242,549 95.6%	235,854 96.4%	235,854 96.4%	23,789 88.0%	23,789 88.0%	263,435 102.7%
상급인쇄지	100,951 90.6%	100,951 90.6%	102,520 95.9%	102,520 95.9%	10,221 81.3%	10,221 81.3%	65,642 86.6%
중급인쇄지	66,080 98.6%	66,080 98.6%	61,559 93.3%	61,559 93.3%	6,614 88.6%	6,614 88.6%	102,022 112.7%
하급인쇄지	70,570 99.6%	70,570 99.6%	66,786 99.4%	66,786 99.4%	5,929 99.1%	5,929 99.1%	85,512 106.5%
박엽인쇄지	4,948 108.5%	4,948 108.5%	4,949 110.7%	4,949 110.7%	1,025 100.5%	1,025 100.5%	10,259 103.5%
미도공인쇄지	91,341 81.8%	91,341 81.8%	99,495 92.9%	99,495 92.9%	8,763 77.8%	8,763 77.8%	82,045 83.2%
도공소계	372,645 100.5%	372,645 100.5%	382,164 110.2%	382,164 110.2%	38,083 89.1%	38,083 89.1%	262,551 99.6%
아트지	11,508 79.7%	11,508 79.7%	11,237 82.4%	11,237 82.4%	1,481 70.0%	1,481 70.0%	21,322 96.8%
코트지	200,284 93.5%	200,284 93.5%	202,758 105.3%	202,758 105.3%	20,230 86.2%	20,230 86.2%	148,893 97.2%
경량코트지	148,332 115.6%	148,332 115.6%	154,127 120.5%	154,127 120.5%	13,963 95.9%	13,963 95.9%	70,008 112.7%
기타도공인쇄지	12,521 91.4%	12,521 91.4%	14,042 109.9%	14,042 109.9%	2,409 93.2%	2,409 93.2%	22,328 85.2%
특수인쇄용지소계	25,922 89.3%	25,922 89.3%	26,569 96.3%	26,569 96.3%	5,491 92.6%	5,491 92.6%	81,490 100.9%
색상질지	12,031 83.0%	12,031 83.0%	13,612 98.1%	13,612 98.1%	2,351 93.7%	2,351 93.7%	47,623 99.8%
기타특수인쇄용지	13,891 95.5%	13,891 95.5%	12,957 94.4%	12,957 94.4%	3,140 91.8%	3,140 91.8%	33,867 102.6%
정보용지소계	144,991 97.5%	144,991 97.5%	118,820 98.3%	118,820 98.3%	14,281 87.8%	14,281 87.8%	141,868 94.4%
복사원지	27,237 93.1%	27,237 93.1%	11,971 89.1%	11,971 89.1%	1,599 80.6%	1,599 80.6%	21,375 85.6%
감광지용지	2,922 78.3%	2,922 78.3%	2,346 85.2%	2,346 85.2%	303 82.3%	303 82.3%	3,755 64.6%
폼용지	32,742 100.6%	32,742 100.6%	31,474 104.1%	31,474 104.1%	3,027 87.9%	3,027 87.9%	32,770 106.7%
PPC용지	66,386 101.7%	66,386 101.7%	63,416 100.7%	63,416 100.7%	7,360 90.0%	7,360 90.0%	66,221 95.2%
정보기록지	10,924 104.8%	10,924 104.8%	4,367 88.2%	4,367 88.2%	804 80.2%	804 80.2%	10,978 108.9%
기타정보용지	4,780 64.1%	4,780 64.1%	5,246 80.9%	5,246 80.9%	1,188 92.3%	1,188 92.3%	6,769 74.0%

*아래의 %는 전년동월 동기비

*자료제공 : 지·필프 통계 월보



[표 3] 지·판지

구 분	생 산 수 량		관 수 량		매 금 액(백만원)		1999년 1월말재고 (t)
	1999년1월	1월누계	1999년1월	1월누계	1999년1월	1월누계	
포장용지계	78,688	78,688	79,427	79,427	8,826	8,826	108,943
	94.2%	94.2%	91.3%	91.3%	88.0%	88.0%	105.6%
미표백포장지소계	47,761	47,761	48,541	48,541	4,906	4,906	68,079
	92.3%	92.3%	88.6%	88.6%	85.7%	85.7%	101.3%
중대용양면크라프트지	27,846	27,846	28,363	28,363	2,626	2,626	38,199
	90.3%	90.3%	87.4%	87.4%	84.7%	84.7%	99.9%
기타양면크라프트지	16,345	16,345	16,844	16,844	1,850	1,850	23,830
	95.0%	95.0%	91.5%	91.5%	88.3%	88.3%	103.3%
기타미표백포장지	3,570	3,570	3,334	3,334	430	430	6,050
	96.6%	96.6%	84.7%	84.7%	81.3%	81.3%	102.2%
표백포장지소계	30,927	30,927	30,886	30,886	3,920	3,920	40,864
	97.3%	97.3%	95.8%	95.8%	91.1%	91.1%	113.6%
순백률지	8,292	8,292	8,266	8,266	1,000	1,000	7,195
	88.2%	88.2%	88.4%	88.4%	82.0%	82.0%	120.9%
표백크라프트지	16,570	16,570	16,931	16,931	1,894	1,894	23,093
	100.1%	100.1%	97.5%	97.5%	93.1%	93.1%	118.8%
기타표백포장지	6,065	6,065	5,689	5,689	1,026	1,026	10,576
	104.1%	104.1%	103.1%	103.1%	97.6%	97.6%	99.8%
위생용지계	131,321	131,321	121,241	121,241	21,672	21,672	63,622
	100.1%	100.1%	100.9%	100.9%	103.2%	103.2%	90.0%
티슈종이	43,627	43,627	38,238	38,238	7,643	7,643	22,589
	99.0%	99.0%	94.1%	94.1%	100.8%	100.8%	105.4%
휴 지	3,445	3,445	3,256	3,256	576	576	730
	87.4%	87.4%	89.8%	89.8%	90.0%	90.0%	88.2%
화장지	70,246	70,246	66,384	66,384	10,398	10,398	27,599
	102.8%	102.8%	106.8%	106.8%	109.1%	109.1%	74.0%
타올용지	7,804	7,804	7,487	7,487	1,489	1,489	6,715
	91.1%	91.1%	92.2%	92.2%	93.4%	93.4%	111.0%
기 타	6,199	6,199	5,876	5,876	1,566	1,566	5,989
	99.4%	99.4%	104.9%	104.9%	94.8%	94.8%	117.4%
잡종지계	77,742	77,742	60,753	60,753	14,360	14,360	91,203
	94.2%	94.2%	95.1%	95.1%	89.4%	89.4%	99.3%
공업용잡종지소계	69,294	69,294	52,318	52,318	11,895	11,895	77,545
	93.3%	93.3%	93.6%	93.6%	87.1%	87.1%	99.2%
가공원지	55,574	55,574	38,505	38,505	6,282	6,282	58,472
	95.1%	95.1%	95.7%	95.7%	85.1%	85.1%	100.5%
전기절연지	1,500	1,500	1,626	1,626	1,114	1,114	4,807
	77.1%	77.1%	75.3%	75.3%	81.0%	81.0%	119.7%
기 타	12,220	12,220	12,187	12,187	4,499	4,499	14,266
	87.6%	87.6%	90.5%	90.5%	91.8%	91.8%	89.6%
가정용잡종지소계	8,448	8,448	8,435	8,435	2,465	2,465	13,658
	102.7%	102.7%	105.9%	105.9%	102.6%	102.6%	99.3%
서도용지	737	737	633	633	192	192	1,719
	93.4%	93.4%	95.0%	95.0%	90.6%	90.6%	102.6%
기 타	7,711	7,711	7,802	7,802	2,273	2,273	11,939
	103.7%	103.7%	106.8%	106.8%	103.7%	103.7%	98.8%

*아래의 %는 전년동월 동기비
*자료제공 : 지·필프 통계 월보

[표 4] 지·판지

구분	생산수량		판 수량		매 금액(백만원)		1999년 1월말재고 (t)
	1999년1월	1월누계	1999년1월	1월누계	1999년1월	1월누계	
판지합계	909,658 96.4%	909,658 96.4%	841,043 102.0%	841,043 102.0%	47,206 94.4%	47,206 94.4%	675,547 95.7%
골판지원지계	672,551 97.4%	672,551 97.4%	616,370 104.1%	616,370 104.1%	26,873 95.4%	26,873 95.4%	433,521 90.2%
라이너소계	408,040 98.5%	408,040 98.5%	370,411 106.2%	370,411 106.2%	17,770 96.9%	17,770 96.9%	328,752 91.7%
외장용(크라프트)	268,598 101.1%	268,598 101.1%	247,075 109.8%	247,075 109.8%	12,462 100.8%	12,462 100.8%	217,099 89.3%
외장용(쥬트)	127,779 93.9%	127,779 93.9%	111,682 99.5%	111,682 99.5%	4,650 87.9%	4,650 87.9%	98,803 97.3%
내장용	11,663 92.7%	11,663 92.7%	11,654 102.0%	11,654 102.0%	658 94.5%	658 94.5%	12,850 91.0%
중심원지소계	264,511 95.7%	264,511 95.7%	245,959 101.0%	245,959 101.0%	9,103 92.8%	9,103 92.8%	104,769 85.7%
파루프심지	97,904 84.5%	97,904 84.5%	92,383 88.3%	92,383 88.3%	3,684 83.6%	3,684 83.6%	59,194 85.1%
특심지	166,607 103.8%	166,607 103.8%	153,576 110.5%	153,576 110.5%	5,419 100.2%	5,419 100.2%	45,575 86.6%
지기용판지계	160,929 93.5%	160,929 93.5%	158,206 97.1%	158,206 97.1%	15,054 92.8%	15,054 92.8%	147,769 104.0%
백판지계	141,317 94.3%	141,317 94.3%	138,970 97.5%	138,970 97.5%	13,455 93.0%	13,455 93.0%	128,566 106.0%
마닐라상자소계	53,658 92.0%	53,658 92.0%	53,973 98.2%	53,973 98.2%	6,985 92.3%	6,985 92.3%	66,014 125.0%
도공	48,233 91.5%	48,233 91.5%	48,575 98.3%	48,575 98.3%	6,026 92.0%	6,026 92.0%	60,830 126.7%
비도공	5,435 96.7%	5,435 96.7%	5,398 96.8%	5,398 96.8%	959 94.8%	959 94.8%	5,184 108.4%
백상자소계	87,659 95.7%	87,659 95.7%	84,997 97.1%	84,997 97.1%	6,470 93.7%	6,470 93.7%	62,552 91.3%
도공	78,234 97.1%	78,234 97.1%	75,616 98.7%	75,616 98.7%	5,744 94.9%	5,744 94.9%	51,112 92.0%
비도공	9,425 85.6%	9,425 85.6%	9,381 85.9%	9,381 85.9%	726 85.2%	726 85.2%	11,440 88.4%
황·치시프상자	14,413 92.6%	14,413 92.6%	13,483 97.5%	13,483 97.5%	1,043 93.6%	1,043 93.6%	14,686 94.4%
색판지	5,199 78.6%	5,199 78.6%	5,753 87.4%	5,753 87.4%	556 87.1%	556 87.1%	4,517 87.5%
잡판지계	76,178 94.8%	76,178 94.8%	66,467 95.9%	66,467 95.5%	5,279 93.8%	5,279 93.8%	94,257 114.1%
건재원지	21,912 89.6%	21,912 89.6%	22,359 95.5%	22,359 95.5%	1,516 92.9%	1,516 92.9%	34,064 106.0%
지관원지	24,501 94.7%	24,501 94.7%	21,281 96.0%	21,281 96.0%	1,365 94.1%	1,365 94.1%	20,536 116.1%
기타	29,765 99.2%	29,765 99.2%	22,827 95.1%	22,827 95.1%	2,398 94.2%	2,398 94.2%	39,657 120.9%

*아래의 %는 전년동월 동기비
*자료제공 : 지·필프 통계 월보

[표 5] 가공기계 · 포장기계

구분	관		매	
	수량		금액(백만원)	
	1999년1월	1월누계	1999년1월	1월누계
제지기계				
사상기계	5 62.5%	5 62.5%	572 37.7%	572 37.7%
도공기계	1 25.0%	1 25.0%	33 1.0%	33 1.0%
플라스틱가공기계				
블로우성형기	19	19	587	587
중공성형기	46.3%	46.3%	37.5%	37.5%
압축성형기(본체)	56	56	1,360	1,360
압축성형부속장치	55	55	668	668
	87.3%	87.3%	54.4%	54.4%
진공	13	13	261	261
압공발포성형기	76.5%	76.5%	47.3%	47.3%
인쇄기계합계	328	328	15,940	15,940
	69.3%	69.3%	71.3%	71.3%
평판소계	147	147	13,582	13,582
	62.3%	62.3%	87.8%	87.8%
장천식	9	9	6,921	6,921
	28.1%	28.1%	112.7%	112.7%
매엽식	138	138	6,661	6,661
	67.6%	67.6%	71.4%	71.4%
요철판	5	5	147	147
	27.8%	27.8%	4.1%	4.1%
기타	176	176	2,211	2,211
	80.4%	80.4%	66.0%	66.0%
제판기계 소계	1,889	1,889	2,676	2,676
	57.4%	57.4%	56.7%	56.7%
전자조판기 소계	223	223	481	481
	64.5%	64.5%	84.2%	84.2%
기타	1,666	1,666	2,195	2,195
	56.6%	56.6%	52.9%	52.9%
지공기계 합계	49	49	1,394	1,394
	76.6%	76.6%	53.3%	53.3%
제지기계	11	11	213	213
	57.9%	57.9%	48.7%	48.7%
골판지제조용기계	15	15	676	676
	75.0%	75.0%	45.0%	45.0%
기타	23	23	505	505
	92.0%	92.0%	74.8%	74.8%
개장·내장기구				
제대충전기	665	665	2,523	2,523
	218.8%	218.8%	86.1%	86.1%
용기성형충전기	9	9	301	301
	100.0%	100.0%	190.5%	190.5%
상포기	128	128	547	547
	284.4%	284.4%	243.1%	243.1%
소삼결기	29	29	652	652
	483.3%	483.3%	388.1%	388.1%
진공포장기	148	148	396	396
	84.6%	84.6%	147.8%	147.8%
셀링기	166	166	663	663
	218.4%	218.4%	174.9%	174.9%

*아래의 %는 전년동월 동기비

*제지, 플라스틱 가공기계의 상시 종업원수 50인 이상 업체, 기타 동 30인 이상의 사업소 조사대상

*자료제공 : 기계 통계 월보

[표 6] 폴리올레핀

구분	출하수량			
	1999년1월		1월누계	
	수량	%	수량	%
폴리올레핀폴리머합계	60,549	98.3%	60,549	98.3%
LDPE폴리머소계	40,596	97.2%	40,596	97.2%
L-LDPE내수	16,438	99.4%	16,438	99.4%
일반포장용	36,110	97.4%	36,110	97.4%
L-LDPE의 내수	13,392	101.7%	13,392	101.7%
농업용	4,486	95.5%	4,486	95.5%
L-LDPE의 내수	3,046	90.5%	3,046	90.5%
HDPE폴리머소계	17,199	100.8%	17,199	100.8%
일반용	5,290	102.2%	5,290	102.2%
금박강화용	11,909	100.2%	11,909	100.2%
IPP폴리머	2,754	99.2%	2,754	99.2%

*아래의 %는 전년동월 동기비

*자료제공 : 일본 폴리올레핀 폴리머 공업조합

[표 7] 폴리프로필렌

구분	출하수량			
	1999년1월		1월누계	
	수량	%	수량	%
OPP폴리머 합계	17,796	102.1%	35,467	103.4%
내수소계	17,202	103.1%	34,226	104.6%
식품	11,760	105.4%	23,124	105.8%
석유	1,564	109.7%	2,979	105.2%
기타	3,878	94.6%	8,123	101.1%
수출	594	78.6%	1,241	78.5%
CPP폴리머 합계	10,086	104.6%	20,097	104.1%
내수소계	9,993	104.9%	19,894	104.3%
식품	8,640	107.5%	17,138	105.1%
석유	256	99.6%	2,202	104.9%
기타	1,097	89.2%	2,754	98.8%
수출	93	79.5%	203	86.8%

*아래의 %는 전년동월 동기비

*(주) 1997년 10월 CPP폴리머 공업출하 가공수치는 추정자료임

*자료제공 : 일본 폴리프로필렌 폴리머 공업연합회

[표 8] 알루미늄박

구분	출하수량			
	1999년1월		1월누계	
	수량	%	수량	%
생산수량	10,214	99.8%	10,214	99.8%
판매수량	10,346	95.0%	10,346	95.0%
판매금액(백만원)	8,604	90.7%	8,604	90.7%
결말재고	8,160	98.1%		
산업부분별출하·소비용합계	10,366	95.0%	10,366	95.0%
식품제품제조 소계	2,684	99.6%	2,684	99.6%
담배제조업	223	90.7%	223	90.7%
화학공업소계	651	99.4%	651	99.4%
금속제품제조업 소계	1,837	91.3%	1,837	91.3%
전기기계구제조업 소계	3,148	88.1%	3,148	88.1%
건설업	420	88.2%	420	88.2%
수출	1,075	98.1%	1,075	98.1%
기타			328	328

*아래의 %는 전년동월 동기비

*자료제공 : 자원통계 월보

[표 9] 플라스틱가공기계 시트

구 분	생 산 수 량		판 수 량		매 금 액(백만원)		1999년 1월말재고 (t)
	1999년11월	1월누계	1999년11월	1월누계	1999년11월	1월누계	
필름합계	149,865 95.5%	149,865 95.5%	150,043 96.8%	150,043 96.8%	58,808 94.6%	58,808 94.6%	169,088 95.5%
연질제품소계	125,576 96.0%	125,576 96.0%	119,847 96.1%	119,847 96.1%	46,194 93.8%	46,194 93.8%	125,869 93.9%
농업용	10,317 101.9%	10,317 101.9%	9,593 100.4%	9,593 100.4%	3,354 104.6%	3,354 104.6%	22,232 87.0%
포장용	88,049 97.6%	88,049 97.6%	85,037 97.7%	85,037 97.7%	28,178 94.3%	28,178 94.3%	82,341 96.4%
라미교플	9,545 94.4%	9,545 94.4%	10,349 94.9%	10,349 94.9%	6,004 95.5%	6,004 95.5%	5,600 107.6%
기타	17,665 87.1%	17,665 87.1%	14,868 86.6%	14,868 86.6%	8,657 87.5%	8,657 87.5%	15,696 87.9%
경질제품	24,289 92.9%	24,289 92.9%	30,196 99.3%	30,196 99.3%	12,614 97.6%	12,614 97.6%	43,219 100.5%
시트	25,368 93.7%	25,368 93.7%	23,767 94.0%	23,767 94.0%	9,699 91.8%	9,699 91.8%	27,720 92.6%
합성판	6,311 94.1%	6,311 94.1%	5,851 92.1%	5,851 92.1%	6,119 90.6%	6,119 90.6%	7,289 108.6%

*아래의 %는 전년동월 동기비
*조사대상은 상시종업원 40인 이상 업체
*자료제공 : 플라스틱제품 통계 월보

[표 10] 점착 테이프 · 시트류

구 분	출 수 량		하 금 액(천원)	
	1999년12월	1~2월 누계	1999년 2월	1~2월 누계
점착테이프 · 시트류 합계	89,702,557 97.9%	173,271,332 97.2%	10,349,627 94.5%	20,217,727 93.8%
점착테이프류 소계	87,076,081 97.9%	168,042,988 97.0%	9,891,682 94.6%	19,296,476 93.8%
지	39,105,912 98.6%	74,278,393 96.8%	2,020,685 95.0%	3,858,488 93.7%
포	10,988,665 92.5%	21,078,377 96.1%	1,810,275 98.1%	3,526,244 92.7%
필름	32,740,081 98.3%	64,446,104 97.0%	3,788,171 94.3%	7,477,944 92.4%
특수	4,241,423 104.5%	8,240,114 101.6%	2,272,551 99.9%	4,433,800 97.3%
점착 시트	2,626,476 96.8%	5,228,344 104.1%	457,945 92.4%	921,251 93.8%

*아래의 %는 전년동월 동기비
*자료제공 : 일본점착테이프공업회