

C Symbol Set and Typeface Codes

Introduction

The symbol set IDs in Table C-1 are used to select symbol sets using PCL commands. Kind1 values are used to select symbol sets using HP-GL/2 commands. The values under Kind1 are also used in the Font Descriptor (header) symbol set field (bytes 14/15, described in Chapter 11, Font Creation of the *PCL 5 Printer Language Technical Reference Manual*). Table C-2 identifies the Typeface Family values for the various type foundries. Table C-3 identifies all the currently assigned typeface base values.

Note

The HP-GL/2 Kind1 value can be calculated from the symbol set ID. The Kind1 value is the same value used for the Symbol Set value field in the Font Header (refer to Chapter 11, Symbol Set of the *PCL 5 Printer Language Technical Reference Manual*). The Kind1 value is computed by taking the value of the value field for the symbol set, multiplying it by 32, adding the decimal (ASCII) value of the termination character (the symbol set ID character value) of the escape sequence, and subtracting 64.

Font Descriptor Symbol Set Value =

(Escape Sequence Value Field Value * 32)
+

(Decimal Value of Escape Sequence
Termination Character - 64).

For example, to calculate the Kind1 value for the symbol set 19M (M = ASCII 77):

Symbol set 19M = (19*32) + (77 -64) = 621

Table C-1. Symbol Set Values

Symbol Set Name¹	Symbol Set ID	Kind1 Value²	Symbol Set Name¹	Symbol Set ID	Kind1 Value²
GW-3212	18C	597	Line Draw-7	0L	12
ISO 60: Danish/Norwegian	0D	4	HP Block Characters	1L	44
Devanagari	2D	68	Tax Line Draw	2L	76
ISO 4: United Kingdom	1E	37	Line Draw-8	8L	268
Windows 3.1 Latin 2	9E	293	Ventura ITC Zapf Dingbats ³	9L	300
ISO 69: French	1F	38	PS ITC Zapf Dingbats	10L	332
ISO 21: German	1G	39	ITC Zapf Dingbats Series 100	11L	364
Greek-8	8G	263	ITC Zapf Dingbats Series 200	12L	396
Windows 3.1 Latin/Greek	9G	295	ITC Zapf Dingbats Series 300	13L	428
PC-851 Latin/Greek	10G	327	ITC Zapf Dingbats MS	14L	460
PC-8 Latin/Greek	12G	391	Windows Baltic	19L	620
Hebrew-7	0H	8	Carta	20L	652
ISO 8859/8 Latin/Hebrew	7H	232	Ornaments	21L	684
Hebrew-8	8H	264	Universal News & Commercial Pi	22L	716
PC-862 Latin/Hebrew	15H	488	Chess	23L	748
ISO 15: Italian	0I	9	Astrology 1	24L	780
Microsoft Publishing	6J	202	Pi Set #1	31L	1004
DeskTop	7J	234	Pi Set #2	32L	1036
Document	8J	266	Pi Set #3	33L	1068
PC-1004	9J	298	Pi Set #4	34L	1100
PS Text	10J	330	Pi Set #5	35L	1132
PS ISO Latin1	11J	362	Pi Set #6	36L	1164
MC Text	12J	394	Wingdings	579L	18540
Ventura International ³	13J	426	Math-7	0M	13
Ventura US ³	14J	458	Tech-7	1M	45
Swash Characters	16J	522	PS Math	5M	173
Small Caps & Old Style Figures	17J	554	Ventura Math ³	6M	205
Old Style Figures	18J	586	Math-8	8M	269
Fractions	19J	618	Universal Greek & Math Pi	10M	333
Lining Figures	21J	682	TeX Math Extension	11M	365
Small Caps and Lining Figures	22J	714	TeX Math Symbol	12M	397
Alternate Caps	23J	746	TeX Math Italic	13M	429
Kana-8 (JIS 210)	8K	267	Symbol	19M	621
Korean-8	9K	299	ISO 8859/1 Latin 1	0N	14

¹ Contact your local software vendor for information regarding additional symbol set support.

² This value is also used for the Encoded Symbol Set Designator field in the user-defined symbol set descriptor, and for the Symbol Set field in the font headers.

³ Not recommended for future use. These symbol sets are of limited usage and are being discontinued.

Table C-1. Symbol Set Values (continued)

Symbol Set Name¹	Symbol Set ID	Kind1 Value²	Symbol Set Name¹	Symbol Set ID	Kind1 Value²
ISO 8859/2 Latin 2	2N	78	Windows 3.1 Latin 5	5T	180
ISO 8859/3 Latin 3	3N	110	Turkish-8	8T	276
ISO 8859/4 Latin 4	4N	142	PC-8 Turkish	9T	308
ISO 8859/9 Latin 5	5N	174	Teletex	10T	340
ISO 8859/10 Latin 6	6N	206	ISO 6: ASCII	0U	21
ISO 8859/15 Latin 9	9N	302	Legal	1U	53
ISO 8859/5 Latin/Cyrillic	10N	334	Roman-9	4U	149
ISO 8859/6 Latin/Arabic	11N	366	HPL	5U	181
ISO 8859/7 Latin/Greek	12N	398	OEM-1	7U	245
OCR-A	0O	15	Roman-8	8U	277
OCR-B	1O	47	Windows 3.0 Latin 1	9U	309
OCR-M	2O	79	PC-8, Code Page 437	10U	341
MICR (E13B)	10O	335	PC-8 D/N, Danish/Norwegian	11U	373
Typewriter Paired APL	0P	16	PC-850, Multilingual	12U	405
Bit Paired APL	1P	48	PC-858	13U	437
Expert	10P	336	Pi Font	15U	501
Alternate	11P	368	PC-857	16U	533
Fraktur	12P	400	PC-852, Latin 2	17U	565
Reserved for Specials	xQ	1732x	Windows 3.1 Latin 1	19U	629
Cyrillic ASCII (8859/5-1986)	0R	18	PC-860 Portugal	20U	661
Cyrillic	1R	50	PC-861 Iceland	21U	693
PC Cyrillic	3R	114	PC-863 Canada-French	23U	757
Windows 3.1 Latin/Cyrillic	9R	306	PC-865 Norway	25U	821
ISO 11: Swedish	0S	19	PC-775	26U	853
ISO 17: Spanish	2S	83	Arabic-8	8V	278
HP European Spanish	7S	243	Windows 3.1 Latin/Arabic	9V	310
HP Latin Spanish	8S	275	Code Page 864 Latin/Arabic	10V	342
HP-GL Download	16S	531	3 of 9 Barcode	0Y	25
HP-GL Drafting	17S	563	Industrial 2 of 5 Barcode	1Y	57
HP-GL Special Symbols	18S	595	Matrix 2 of 5 Barcode	2Y	89
Sonata	20S	659	Interleaved 2 of 5 Barcode	4Y	153
Thai-8	0T	20	CODABAR Barcode	5Y	185
TISI 620-2533 (Thai)	1T	52	MSI/Plessey Barcode	6Y	217

¹ Contact your local software vendor for information regarding additional symbol set support.

² This value is also used for the Encoded Symbol Set Designator field in the user-defined symbol set descriptor and for the Symbol Set field in the font headers.

Table C-1. Symbol Set Values (continued)

Symbol Set Name¹	Symbol Set ID	Kind1 Value²	Symbol Set Name¹	Symbol Set ID	Kind1 Value²
Code 11 Barcode	7Y	249	MICR (CMC-7)	14Y	473
UPC/EAN Barcode	8Y	281	USPS ZIP	15Y	505
Obsolete Symbol Sets³			Obsolete Symbol Sets³		
Math-7 (same as 0M)	0A	1	ISO 57: Chinese	2K	75
Line Draw-7 (same as 0L)	0B	2	HP Spanish	1S	51
HP Large Characters	0C	3	ISO 10: Swedish	3S	115
ISO 61: Norwegian Version 2	1D	36	ISO 16: Portuguese	4S	147
Roman Extension	0E	5	ISO 84: Portuguese	5S	179
ISO 25: French	0F	6	ISO 85: Spanish	6S	211
HP German	0G	7	ISO 2: International Reference	2U	85
ISO 14: JIS ASCII	0K	11	Arabic (McKay's version)	0V	22
ISO 13: Katakana	1K	43			

¹ Contact your local software vendor for information regarding additional symbol set support.

² This value is also used for the Encoded Symbol Set Designator field in the user-defined symbol set descriptor and for the Symbol Set field in the font headers.

³ These symbol sets are becoming obsolete and are not recommended for future use and are not present on the HP LaserJet 4, 4M, 4Si, 4SiMx, 4L, 4ML, 4P, 4MP, 4PJ, 4LJ Pro, 4LC, 4 Plus, 4M Plus, 4V, 4MV, 5, 5M, 5P, 5L, 5Si, 5SiMx, 5Si Mopier, 6L, 6P, 6MP, LaserJet 1100, 2100, 4000, 5000, 8000, and 8100 series, Color LaserJet family, and DeskJet 1200C, 1600C printers.

Table C-2 represents the typeface family values assigned to type foundries. This value, plus the typeface *base value* (see Table C-3), produces the numeric code needed to access the typeface.

Table C-2. Typeface Family Values

Vendor Name	Typeface Vendor Value
AGFA	4096
Bitstream Inc.	8192
Linotype Company	12288
Monotype Corporation	16384
Adobe Systems	20480
Bigelow & Holmes	28672

Examples:

CG Times from Agfa = 5 4096 = 4101.

801 from Bitstream Inc. = 5 8192 = 8197

Univers from Agfa = 52 4096 = 4148.

Times New Roman from Monotype = 517 16384 = 16901

Table C-3. Typeface Base Values

Value	Typeface Family ¹	Value	Typeface Family ¹
0	Line Printer	32	Brush (italic)
2	Elite	32	Stop
3	Courier	33	Blippo (black)
4	Helvetica	33	Tea Chest (condensed)
5	Times Roman	34	Hobo
6	Letter Gothic	35	Windsor
7	Script	38	Peignot
8	Prestige	39	Baskerville
9	Caslon 540 & No. 3	41	Trade Gothic
9	Caslon Antique (contour)	41	Pemai (Thai)
9	Caslon Open Face (inline)	41	CG Trade
10	Orator	42	Goudy Old Style
11	Presentation	43	ITC Zapf Chancery
13	Serifa	44	Clarendon
14	Futura	45	ITC Zapf Dingbats
14	Greek Futura	46	Cooper
15	Palatino	47	ITC Bookman
16	ITC Souvenir	47	Noparat (Thai)
16	ITC Souvenir Greek	48	Stick
17	Optima	49	HP-GL Drafting
17	Safeer (Arabic)	50	HP-GL Spline
17	Komain (Thai)	51	Gill Sans
17	Greek Oracle	51	Unesco (Thai)
18	ITC Garamond	52	Univers
20	Coronet (italic)	53	Bodoni
20	Chevalier (bold expanded pattern 0)	53	Poster Bodoni (black)
21	Broadway	53	Greek Apla
23	Century Schoolbook	54	Rockwell
23	Greek & Math Serif	55	Melior
24	University Roman	56	ITC Tiffany
27	ITC Korinna	57	ITC Clearface
28	Naskh	58	Amelia
29	Cloister Black	59	Park Avenue (italic)
30	ITC Galliard	59	Falstaff (black)
31	ITC Avant Garde Gothic	60	Handel Gothic
31	Tom (Thai)	61	Dom Casual

¹ These typeface names may be registered trademarks of a third party. Use of these fonts may be conditional upon a license grant from the owners of the fonts. Hewlett-Packard makes no representation as to the quality or performance of the fonts, and any reference to the fonts does not grant any license or right to use the fonts.

Table C-3. Typeface Base Values (continued)

Value	Typeface Family ¹	Value	Typeface Family ¹
62	ITC Benguiat	93	Kaufmann
63	ITC Cheltenham	93	U-Thong (Thai)
64	Century Expanded	94	ITC Bolt (extended)
65	Franklin Gothic	94	ITC Machine (condensed)
65	Paetai (Thai)	97	Revue
68	Plantin	101	Garamond (Stempel)
69	Trump Mediaeval	102	Garth Graphic
70	Futura Black	103	ITC Ronda
71	ITC American Typewriter	103	Candy Bits (patterned)
72	Antique Olive	104	OCR-A
72	Greek Antique Olive	105	Cochin
73	Uncial	106	Englische Schreibschrift (italic)
74	ITC Bauhaus	106	Mister Earl (condensed)
75	Century Old Style	107	Flash (italic)
76	ITC Eras	107	Woodstock
77	Friz Quadrata (ITC)	108	Gothic (numbered)
78	ITC Lubalin Graph	109	Stencil (ATF)
79	Eurostile	110	OCR-B
79	Intanon (Thai)	111	Akzidenz-Grotesk
79	Greek Microstyle	112	Black White (patterned, outline, inline)
80	Mincho (Japanese)	112	Logos
80	Myoungjo (Korean)	113	Shannon
80	HanYang Batang Proportional (Korean)	114	ITC Stone Informal
81	ITC Serif Gothic	115	ITC Stone Sans
81	Saemmul (Korea)	116	ITC Stone Serif
81	Sammul (Korea)	117	Schneidler Mediaeval
82	Snell Roundhand	118	ITC Symbol
82	Pilgy (Korean)	119	ITC Weidemann
83	Souvenir Gothic	120	Copperplate Gothic (display)
84	Stymie	121	Trajan
87	Bernhard Modern	122	Concorde
89	Excelsior	123	Janson Text
90	Gando Ronde Script	124	Linotype Centennial
91	Ondine	125	Life
91	EACT (Thai)	126	Minister
92	P. T. Barnum	127	New Century Schoolbook

¹ These typeface names may be registered trademarks of a third party. Use of these fonts may be conditional upon a license grant from the owners of the fonts. Hewlett-Packard makes no representation as to the quality or performance of the fonts, and any reference to the fonts does not grant any license or right to use the fonts.

Table C-3. Typeface Base Values (continued)

Value	Typeface Family ¹	Value	Typeface Family ¹
129	Naskh	164	Tieman
130	Naskh Hollow	164	Gyosho
131	Advertisers Naskh	165	David
133	Koufi	166	Nork
134	Oberon	167	Ousbouh
135	Callisto	168	Koufi
136	Charter	169	Italia (ITC)
137	Serif Proportional	169	Hadassah
138	Sans Serif Monospace	170	Bembo
139	Amerigo	170	Sharif
140	PiFont	171	Aachen
141	Old Dreadful	171	Malik
142	Carmina	172	Americana
143	Arrus	173	Arnold Boecklin
144	Oz	174	Copperplate Gothic (text)
146	Iowan Old Style	175	Belwe
152	Maru Gosikku (round gothic Japan)	176	ITC Berkeley Oldstyle
152	Gulrim (Korean)	177	Frutiger
152	HanYang Gulrim Proportional (Korean)	178	Candida
153	Gosikku (Kaku, gothic Japan)	179	Folio
153	Gothic (Japan, Fixed Pitch)	180	Corona
153	HanYang Dotum Proportional (Korean)	181	ITC Kabel
154	Socho	181	Zeppelin (inline)
155	Kyokasho (text book)	182	Garamond No. 3
156	Kaisho	183	Sabon
157	Trad. Arabic Script, Lotus, or Lily	184	ITC Novarese
158	Arabic News	185	Weiss
159	Post Antiqua	186	Hiroshige
160	Aerospace Pi	187	French Script
160	Devanagari (Hindi)	188	Meridien
161	Maritime Pi	189	Mistral
161	Krishna (Gujarati)	190	Aster
162	Bits Pic Pi	191	Caledonia
162	Ranjit (Gurmukhi)	192	Nuptial Script
163	Keycap Pi	193	Lucida
163	Raj Raja (Tamil)	194	Song (China)

¹ These typeface names may be registered trademarks of a third party. Use of these fonts may be conditional upon a license grant from the owners of the fonts. Hewlett-Packard makes no representation as to the quality or performance of the fonts, and any reference to the fonts does not grant any license or right to use the fonts.

Table C-3. Typeface Base Values (continued)

Value	Typeface Family¹	Value	Typeface Family¹
194	Adobe Wood Series 1	226	Comenius-Antiqua
195	Memphis	227	Delta
196	Lucida Sans	228	Italian Old Style
197	Syntax	229	Zingo
198	Utopia	230	Octavian
199	Berthold Walbaum Buch	230	Borders & Ornaments 1
200	Minion	231	Footlight
201	Marigold	231	Borders & Ornaments 4
202	ITC Tiepolo	232	Apollo
203	Versailles	232	Borders & Ornaments 5
204	ITC Leawood	233	Bremen
205	ITC Caslon No. 224	233	Borders & Ornaments 6
206	ITC Cushing	234	Oranda
207	ITC Fenice	234	Communication 1
208	ITC Usherwood	235	Nubian
209	ITC Benguiat Gothic	235	Communication 2
210	Spartan	236	Cataneo
210	ITC Oswald (fatface)	236	Communication 3
211	Neuzeit Grotesk	237	Wittenberger Fraktur
212	PMN Caecilia	237	Communication 6
213	ITC Busorama	238	Modern
214	Agfa Wile Roman	238	PL Modern
215	ITC Zapf International	238	Games & Sports 1
216	Poppl-Pontifex	239	Artistik
217	ITC Quay Sans	239	Games & Sports 2
218	Arial	240	Flintstones
219	Fairfield	240	Games & Sports 3
220	ITC Zapf Book	241	SnowCap
221	Lucida Casual	241	Games & Sports 4
221	Linotype Technical Pi 1 & 2	242	Bedrock
222	Graphite	242	Holidays 1
222	Linotype Textil Pi 1 & 2	243	Star Fleet
223	Poetica	243	Industry & Engineering 1
223	Century Schoolbook Monospace	244	Star Trek Film
224	Berliner Grotesk	244	Industry & Engineering 2
225	Christiana	245	Star Trek
¹ These typeface names may be registered trademarks of a third party. Use of these fonts may be conditional upon a license grant from the owners of the fonts. Hewlett-Packard makes no representation as to the quality or performance of the fonts, and any reference to the fonts does not grant any license or right to use the fonts.			

Table C-3. Typeface Base Values (continued)

Value	Typeface Family¹	Value	Typeface Family¹
245	Transportation 1	275	Lutheresche Fraktur
246	Hei (China)	275	Universal News & Commercial Pi
246	Star Trek Pi	276	Thunderbird (extra condensed)
246	Transportation 2	276	ITC Honda (black)
247	ITC Mendoza	277	Shelley
248	Boton	277	Mr. Big
249	Jaeger Daily News	278	Macbeth
250	ITC Officina Serif	278	Universal Greek & Math Pi
251	ITC Officina Sans	279	ITC Century
252	Goudy Modern	280	Vineta
253	Scotch Roman	281	TBG Duc de Berry
254	Temporary-Only Font	282	Times Europa
256	Bar Codes	283	ITC Jamille
257	Hadriano	284	Flyer
258	Joanna	285	Wedding Text
259	Onyx	286	Carolina
260	Cyrillic Helvetica	287	Avenir
260	Greek Helvetica	288	Lucia
260	East Asian Helvetica	289	Tekton
261	Cyrillic Times	290	Charme
261	Greek Times	291	ITC Flora
261	East Asian Times	292	Basilica
262	ITC Quorum	293	Auriol
263	Engravers' Old English	294	Kuenstler Script
264	Kennerley	295	ITC New Baskerville
265	Adobe Caslon	296	Berling
266	Albertus	297	News Gothic
267	New Aurora Grotesque	298	Critter
268	TBG Omnia	298	Linotype Holiday Pi 1, 2, & 3
269	Glypha	299	Medici Script
270	Tempo	300	Aurora
270	Umbra (open shadow)	301	Carta
271	American Text	302	Adobe Symbol
272	Pasquale	303	Insignia
273	ITC Elan	304	Perpetua
274	Monotype Goudy Sans	305	Raleigh

¹ These typeface names may be registered trademarks of a third party. Use of these fonts may be conditional upon a license grant from the owners of the fonts. Hewlett-Packard makes no representation as to the quality or performance of the fonts, and any reference to the fonts does not grant any license or right to use the fonts.

Table C-3. Typeface Base Values (continued)

Value	Typeface Family¹	Value	Typeface Family¹
306	Romic	335	ITC Giovanni
307	Formata	336	Neuzeit S
308	Cyrillic Univers	337	Erbar
308	Chuan Pim (like Univers)	338	Parisian
308	Narkis Tam (like Univers)	339	Nofret
308	Greek Univers II	340	City
309	Bauer Bodoni	341	Old Style 7
310	Industria	342	Bell Centennial
311	Cutout	343	Lydian
311	Decoration Pi	344	Monotype Ellington
312	Letraset Bramley	345	Impressum
313	Isabella	346	Reporter No. 2
314	Cascade Script	347	Freestyle Script
315	VAG Rounded	348	Serpentine
316	Russell Square	349	Lithos
317	Liberty	350	Basilia
318	ITC Esprit	351	Simplified Arabic
319	Clairvaux	352	Maximus
320	Raphael	353	ITC Slimbach
321	ITC Franklin Gothic	357	Berthold Garamond
322	Murray Hill	358	Rad
323	Baker Signet	358	Land Pi
324	Mythos	359	Oxford (italic)
324	Gambling Pi	359	Kino (bold condensed)
325	San Marco	360	Looney Tunes
326	Typo Roman	360	E13B MICR
327	Engravers Text (inline)	361	Imperial
327	New Berolina (italic)	361	CMC-7 MICR
328	Orbit-B	362	Charlemagne
329	McCollough	363	Present Script
330	ITC Isadora	364	Repro Script (italic)
331	Giddyup	364	Matura (bold)
331	Audio Pi	365	Baskerville No. 2
332	Letraset Crillee	366	Engravers' Roman
333	Agfa Nadianne	367	VGC Egyptian 505
334	Compliment	368	TBG Herculaneum
¹ These typeface names may be registered trademarks of a third party. Use of these fonts may be conditional upon a license grant from the owners of the fonts. Hewlett-Packard makes no representation as to the quality or performance of the fonts, and any reference to the fonts does not grant any license or right to use the fonts.			

Table C-3. Typeface Base Values (continued)

Value	Typeface Family¹	Value	Typeface Family¹
369	Clearface Gothic	398	Schadow
370	Studz	399	Akzidens Grotesk Buch
370	Border Pi 1515-9	400	Akzidens Grotesk Buch Stencil
371	Toolbox	401	Akzidens Grotesk Buch Schulbuch
371	Bundesbahn Pi	402	Bookman
372	Quake	403	Bruce Old Style
372	Chemical Pi	404	Bulmer
373	Neuland (solid & inline)	405	Madison
373	Newton Inline	406	Texttype
373	Warning Pi	407	Primer
374	Harry	408	Garamond (Simoncini)
375	Alternate Gothic (numbered)	409	Adobe Wood Series 2
376	Figaro	410	Rotis Serif
377	Formal Script	410	Caravan LH One
378	Holland Title	411	Rotis Semiserif
379	ITC Barcelona	411	Caravan LH Two
380	Cartier	412	Rotis Sans Serif
381	Deepdene	412	Caravan LH Three
382	Delphin	413	Rotis Semisans
383	Parsons	413	Caravan LH Four
384	Brighton	414	Arcadia
385	Berthold Barmeno	415	ITC Veljovik
386	Berthold Colossal	416	Armenian Aramian
387	Berthold Cosmos	417	Armenian Barz
388	ITC Isbell	418	Helvetica Rounded
389	ITC Mixage	419	Olympian
390	Sonata	420	DIN Engschrift (condensed)
390	Badr, or Bayaan II	420	DIN Mittelschrift
391	ITC Newtext	421	Granjon
392	Happening	422	Guardi
393	Menue	423	Impact
394	Doric	424	Sassoon Primary
395	S'maragd	425	Packard
396	Pierrot	426	Baskerville Book
396	Ornaments	427	ITC Pacella
397	Berthold Bodoni Old Face	428	Rusticana
¹ These typeface names may be registered trademarks of a third party. Use of these fonts may be conditional upon a license grant from the owners of the fonts. Hewlett-Packard makes no representation as to the quality or performance of the fonts, and any reference to the fonts does not grant any license or right to use the fonts.			

Table C-3. Typeface Base Values (continued)

Value	Typeface Family¹	Value	Typeface Family¹
429	Eccentric	456	Huxley Vertical
430	Embassy Script	457	Grayda
430	Greek Florentine Script II	458	Penfield No. 3
431	PL Latin Bold	459	Michelangelo
431	PL Latin Elongated (condensed)	460	Neo Didot
431	Latin Antique	461	Berthold Caslon Buch
431	Latin Wide (extended)	462	Sans No. 1
432	ITC Modern 216	463	Torino
433	Serlio	464	Photina
434	Piranesi	465	Calligraphiques
435	Imago	466	Concorde Nova
436	Wilke	467	Franco
437	Cyrillic 22	468	Goudy Text
438	Adobe Garamond	469	Balloon (italic)
439	Seagull	470	Eusebius
440	Latin MT	470	Eusebius Open (inline)
441	Runic MT	471	Digital
442	Moore Computer	471	Noris Script (italic)
443	Commercial Script	472	Poppl-Pontifex (B.metrics)
444	Dominante	473	Amigo
445	Wilhelm Klingspor Gotisch	473	Pelican (italic)
446	Trajanus	473	Visigoth (bold italic)
447	TSI Caxton	474	Letraset Arta
447	Letraset Caxton	475	Post Medieval
448	Fette Fraktur	476	Adsans
448	Sapphire (pattern 0)	477	Ariadne
448	Saphir (pattern 0)	478	Calligraphy
449	Rainbow Bass (pattern 0)	479	Didot
449	European Pi	480	Ashley Script (italic)
450	Banco	480	Ashley Crawford (bold)
451	Bodoni Antiqua	480	Ashley Inline (inline)
452	Sallwey Script	481	Catull
452	Mathematical Pi	482	Cremona
453	Congress	483	Audrey No. 2
454	Cheq	484	Lo-Type
455	Berthold Walbaum Buch (B.metrics)	485	Madame (patterned with shadow)

¹ These typeface names may be registered trademarks of a third party. Use of these fonts may be conditional upon a license grant from the owners of the fonts. Hewlett-Packard makes no representation as to the quality or performance of the fonts, and any reference to the fonts does not grant any license or right to use the fonts.

Table C-3. Typeface Base Values (continued)

Value	Typeface Family¹	Value	Typeface Family¹
486	Roundy	510	ITC Beesknees (black)
486	Animals	511	ITC Studio Script (italic)
487	Ruling Script	511	ITC Mona Lisa Recut (inline)
487	Business & Services 1	511	ITC Mona Lisa Solid (upright)
488	Sho	512	Sackers Square Gothic
488	Business & Services 2	512	Sackers English Script
489	Wiesbaden Swing	513	Heritage
489	Commercial 1	514	Sackers Gothic
490	Star Trek Next	516	Greek Helios II
490	Commercial 2	517	Times (Ten, New, etc.)
491	ITC Highlander	518	Berthold Script
491	Ecology	519	Bernhard Tango (italic)
492	Helios II	520	Castellar (inline)
492	General Symbols 1	521	Else
493	Kai Medium	522	Basque (condensed)
493	General Symbols 2	522	Palace Script (italic)
494	Medical & Pharmaceutical 1	523	Centaur
495	Space	524	Fine Hand
495	Musical	525	Linotype Astrology Pi
496	Special Alphabets 4	526	Sackers Roman
497	Special Alphabets 5	527	Kompakt (ultra black italic)
498	Special Alphabets 6	527	Monoline Script (italic)
499	Inflex	528	Othello (bold condensed)
500	Monotype Old Style	529	Sackers Classic Roman
501	Ming	529	Sackers Italian Script (italic)
502	FangSong	530	Musketeer
503	Helinda Rook	530	Riviera (inline)
504	Original Script	531	Poppl-Residenz
505	Citadel Script	532	Rotation
506	Old Fashion Script	533	Bank Gothic
507	ITC Legacy Serif	534	Delphian (inline)
508	ITC Legacy Sans	534	Greeting Monotone
509	Athenaeum	535	Sackers Antique Roman
509	Athenaeum Negative (pattern 0)	536	Schwabacher
509	Athenaeum Positive (pattern 1)	537	Egyptienne (condensed)
510	ITC Anna (condensed)	538	Artisan Roman (inline)

¹ These typeface names may be registered trademarks of a third party. Use of these fonts may be conditional upon a license grant from the owners of the fonts. Hewlett-Packard makes no representation as to the quality or performance of the fonts, and any reference to the fonts does not grant any license or right to use the fonts.

Table C-3. Typeface Base Values (continued)

Value	Typeface Family¹	Value	Typeface Family¹
538	Forte (bold italic)	571	Helvetica Inserat (condensed)
539	Burin Roman	572	Lucida Handwriting
539	Burin Sans (light)	572	Milestones
540	Hellenic Wide (extended)	573	Biffo
541	Thompson Quillsript	574	Calvert
542	Kartoon	575	Cantoria
543	Classic Roman	576	Dorchester Script
544	AG Old Face	577	Grotesque
545	Lucian	578	Pepita
546	Della Robbia	579	Vectora
547	Libra	580	Script Bold
548	Brody (bold upright)	581	Spectrum
549	Ad Lib (bold)	582	Boulevard
550	Choc (black)	583	Cheltenham
551	Handle Oldstyle	584	De Vinne
552	Roman	585	London Text (inline)
553	Antique Roman	585	Profil (bold italic inline)
554	Goudy Catalogue, addt'l Old Style faces	586	Imprint
554	Goudy Handtooled (inline)	587	Allegro (bold italic)
554	Goudy Heavyface (black)	587	Engraver's Gothic (text)
555	Calligrapher	588	Bernhard (bold condensed)
556	Lucida Bright	588	Eckmann (text)
557	Pi Collection	589	Cloister Open Face (outline)
558	Broadpen	589	Davida (text)
559	Amazone	589	Klang (italic)
560	Frank Ruehl	590	Fry's Baskerville
561	Cloe	591	Metro
562	Discus	592	Mandate
563	Myriad	593	Star Trek Gen
565	WTC Our Bodoni	594	Virile
566	Ideal Schreibschrift	595	Bingham Script (text)
567	Print	595	Block (bold)
568	Lucida Blackletter	596	ITC Gorilla (text)
569	Lucida Calligraphy	596	ITC Pioneer (outline shadow)
570	Data 70	597	Ruzicka
571	Compacta (expanded)	598	Bodoni Campanile

¹ These typeface names may be registered trademarks of a third party. Use of these fonts may be conditional upon a license grant from the owners of the fonts. Hewlett-Packard makes no representation as to the quality or performance of the fonts, and any reference to the fonts does not grant any license or right to use the fonts.

Table C-3. Typeface Base Values (continued)

Value	Typeface Family¹	Value	Typeface Family¹
599	Linotype Modern	629	Pifont OCRA Numbers
600	Monterey Script (italic)	630	Pifont Square Numbers
600	Playbill (condensed)	631	Pifont Triangle Numbers
601	Normande	632	Bank Script (italic)
602	Wave	633	Serlio Dekoration (pi numbers)
603	Bernhard Fashion (extra light)	634	Concorde (B.metrics)
603	Mercurius	635	Jets
604	Stuyvesant (inline)	636	Jetsons
605	Impuls (italic)	637	Looney Type
605	Romana (text & bold)	638	Pompeijana
606	Shotgun	639	Rusticana (Frutiger)
607	Ehrhardt	640	Notre Dame
608	ITC Grizzly	641	Beverly Hills (inline)
609	ITC Grouch	641	Lotus (pattern 0)
610	ITC Tom's New Roman	642	Advertisers Gothic Light
611	Palette (italic)	642	Eclipse (pattern 0)
611	Hanseatic (ultrabold condensed)	643	Capone Light
612	Bison	643	Victorian Silhouette (contour)
613	Jefferson	644	Dynamo (extra bold)
614	Electra	644	Modernistic (inline)
615	Antique No. 3	645	Gallia (inline)
616	Flemish Script (italic)	645	Skjald
617	Hallmark Bodoni	646	Bell Gothic
618	Modern #20	647	Gillies Gothic Bold (italic)
619	Westinghouse Gothic	648	Quaint Roman
620	Bloc (outline)	648	Chic (inline)
620	Empire (ultra condensed)	649	PL Westerveldt Light (condensed)
621	Oscar	650	PL Davison Americana
622	Eagle Bold	651	TC Jasper
622	Joanna Solotype (inline)	652	Poppl-Laudatio
623	Akzidenz-Grotesk (B.metrics)	653	TC Europa Bold
624	Koch Antiqua	654	Siena Black (italic)
625	Mirarae	655	Yearbook
626	Horley Old Style	656	Koloss (extra bold)
627	Tango	657	Phenix American (extra condensed)
628	Pifont Circle Numbers	658	PL Bernhardt

¹ These typeface names may be registered trademarks of a third party. Use of these fonts may be conditional upon a license grant from the owners of the fonts. Hewlett-Packard makes no representation as to the quality or performance of the fonts, and any reference to the fonts does not grant any license or right to use the fonts.

Table C-3. Typeface Base Values (continued)

Value	Typeface Family¹	Value	Typeface Family¹
659	Orlando Caps	686	Architect
659	PL Barclay Outline (outline)	687	Beton Extra Bold
660	PL Britannia Bold	688	Metropolis (extra bold, solid & inline)
661	PL Fiorello Condensed	689	PL Davison Zip Bold
662	Fluidum Bold (italic)	690	Neon (Nebiole)
663	Woodblock (bold)	691	PL Benguiat Frisky
663	Sinaloa (pattern 0)	692	PL Bartuska Trophy Oblique
664	Stratford Extra Bold	693	Cable
664	Matra (pattern 0)	694	PL Brazilia
665	PL Tower Condensed	695	PL Radiant
666	Section Bold Condensed	696	Ritmo Bold (italic)
667	Miehle Condensed	697	PL Fiedler Gothic Bold
668	Phyllis	698	Egiziano Black
669	Modernique (extra bold)	699	Studio
670	Egyptienne F	700	PL Futura Maxi
671	Post Antiqua (B.metrics)	701	Solemnis
672	Diotima	702	Quirinus Bold (condensed)
673	Aldus	703	PL West Behemoth Semi Condensed (XBd Cd)
674	Chaplin (italic)	704	Renault
675	Uncle Sam Stars (pattern 0, shadow)	705	Forbes Bold
675	Uncle Sam Stripes (pattern 1, shadow)	706	Mobil
676	Wildstyle	707	Becket
677	Logan (pattern 0)	708	Lucida Sans Typewriter
677	Eon Age (pattern 1)	709	Cartoon Script Roman
677	System X3 (pattern 2)	710	Campanula
677	Galaxy Run (pattern 3)	711	Odilia
678	Jukebox (bold condensed)	712	Lino Letter
679	Marking Numbers Squares	713	Henche
679	Al Harf Al Jadid	714	Mahlau (condensed)
680	Vivaldi	715	Aquarias No. 8 (bold)
681	Codex	716	CG Frontiera
682	Metronome Gothic (bold extra condensed)	717	Globe Gothic
683	Salut (bold)	718	Signature
684	Lucida Fax	719	Sans Serif Stencil
685	Bellevue	720	Boldface PS

¹ These typeface names may be registered trademarks of a third party. Use of these fonts may be conditional upon a license grant from the owners of the fonts. Hewlett-Packard makes no representation as to the quality or performance of the fonts, and any reference to the fonts does not grant any license or right to use the fonts.

Table C-3. Typeface Base Values (continued)

Value	Typeface Family¹	Value	Typeface Family¹
721	Title PS	756	Caliban (condensed italic)
725	Hess Neobold	757	Ex Ponto
726	Hollandse Mediaeval	758	Neue Hammer Unziale 1
727	Holland Seminar	758	Neue Hammer Unziale 2 (edge)
728	CG Cloister	759	Galahad
729	Adroit	760	LiShu (China)
730	Claire News	760	Gungse (Korean)
731	Triplett	760	HanYang GungSe Proportional (Korean)
732	Accolade	761	Yuang (Yuan, XiYuang - China)
733	Claridge	762	Miryam
734	Alpin Gothic	763	Ryadh
735	Geometric	764	Arkona (ital script)
736	Heldustry	765	El Greco (ital script)
737	Busorama	766	Aja (ital script)
738	Salto	767	Poppl-Exquisit (ital script)
739	Fehrle Display	768	Sassafras Roman
740	Kismet	769	Kigali Roman
741	Digi Fraktur	770	Rundfunk Antiqua
742	Anglia	771	Rundfunk Grotesk
743	Jiffy	772	Apolline
744	Rosewood	773	Alisal
745	Zebrawood	774	Strider
746	Pepperwood (condensed)	775	Throhand
747	Copal (solid)	776	Cicéro
747	Copal (outline, patterned)	777	Antique Condensed Two
748	Motter Corpus (extrabold)	778	Asphalt Black
749	Cerigo	779	Avalon
750	Cafilisch Script	780	Brok
751	Mezz	781	Citadel
752	Nueva	782	Hermes
753	Penumbra	783	Lafayette
754	Sanvito	784	Narcissus
755	Viva	785	Pilsner
756	Alexa (italic)	786	Showcard Moderne
756	Balzano	787	Streamline

¹ These typeface names may be registered trademarks of a third party. Use of these fonts may be conditional upon a license grant from the owners of the fonts. Hewlett-Packard makes no representation as to the quality or performance of the fonts, and any reference to the fonts does not grant any license or right to use the fonts.

Table C-3. Typeface Base Values (continued)

Value	Typeface Family¹	Value	Typeface Family¹
788	Scherzo	820	Elegant (inline & outline)
789	Jante Antiqua	821	Poetry (solid & inline)
790	Albers Architype	822	Sphinx (extrabold, solid & inline)
791	Aubette Architype	823	Tube (upright)
792	Ballmer Architype	824	Searsucker (solid, outline, patterned)
793	Bayer Type Architype	825	Hindenburg (upright)
794	Schwitters Architype	826	Informal (black, norm & condensed)
795	Crane	827	Marquis (upright)
796	Runa Serif	828	Questions
797	Comedia Serif	829	Maximilian (upright, inline)
798	Breadline Normal	830	Minimal (upright thin)
799	Revolution Normal	831	Stalk (upright inline)
800	Virgin Roman Normal	832	Mariposa (family)
801	Gararond	833	Mariposa Sans (family)
802	Abacus	834	Corvallis (upright & italic)
803	Classic	835	Corvallis Sans (upright & italic)
804	Cupid	836	Alligators
805	Arepo	837	Carmela (italic)
806	Aureus Uncial (upright)	838	Dorothea (upright)
807	Connach (upright, norm and uncial lc)	839	Hrabanus (upright)
808	Cresci Rotunda (upright)	840	Lexie's Animals
809	Donatello (italic, black italic)	841	Mexican Birds
810	Francesca (lombardic, upright & cond)	841	Mexican Borders
810	Lombardic Capitals (upright)	841	Mexican Symbols
811	Ludovico Smooth (italic & flourishes)	842	Monmouth (upright)
811	Ludovico Woodcut (italic & flourishes)	843	Neuhengen (upright)
812	Mantegna (italic)	844	Ophelia Italic
813	Palatino Rotunda (upright)	845	Poggio Bookhand (upright)
814	Percival (upright)	846	Pompeii Capitals (upright)
815	Wolfdance (italic)	847	Ramsey (upright)
816	Adastra (bold italic inline)	848	Sallando Italic
817	Ampersands	849	Thalia Italic
818	Arwen (upright)	850	Trieste (upright)
819	Blocks (upright, solid filled)	851	Connach Historic

¹ These typeface names may be registered trademarks of a third party. Use of these fonts may be conditional upon a license grant from the owners of the fonts. Hewlett-Packard makes no representation as to the quality or performance of the fonts, and any reference to the fonts does not grant any license or right to use the fonts.

Table C-3. Typeface Base Values (continued)

Value	Typeface Family¹	Value	Typeface Family¹
852	Lombardic Caps	885	Bossa Nova MVB
853	Ludovico Smooth Flourish	886	Emmascript MVB
853	Ludovico Woodcut Flourish	887	Dante MT
854	Newton Inline	888	Strayhorn MT
855	Lucida Typewriter	889	Currency Symbol Pi Font
856	Mojo	890	Russell Oblique
857	Shuriken Boy	891	Postino
858	Andreas Plain	892	Immi 505
859	Jenson	893	Brashe
860	Ouch!	894	Kid Sans
861	Bermuda Open	895	Meister
862	Kolo Regular	896	Bear Rock Technologies Bar Codes
863	Spumoni	897	Fournier MT
864	Banshee	898	Bell MT
865	ZiptyDo	899	Mercurius CT
866	Coriander	930	Akzidenz Grotesk Buch Rounded
867	Prima Sans Roman	1030	Isil Gothic
868	Nyx	1070	Euro Sign
869	Hardwood LP	1078	Euro Font
870	Manito LP	2128	HanYang Batang Fixed Pitch (Korean)
871	Wendy	2128	MS Mincho (Japan, Proportional)
872	Spring	2200	HanYang Gulrim Fixed Pitch (Korean)
873	Old Claude	2201	HanYang Dotum Fixed Pitch (Korean)
874	Florens LP	2201	MS Gothic (Japan, Proportional)
875	Khaki One	2549	Ming Light (Japan, Proportional)
876	Pompeia UT (inline)	2730	Wingdings
877	Kepler	2808	HanYang GungSe Fixed Pitch (Korean)
878	Chaparral		
879	Jimbo		
880	Cronos		
881	Celestia Antiqua		
882	Flood		
883	Prima Serif		
884	Magnolia MVB		
¹ These typeface names may be registered trademarks of a third party. Use of these fonts may be conditional upon a license grant from the owners of the fonts. Hewlett-Packard makes no representation as to the quality or performance of the fonts, and any reference to the fonts does not grant any license or right to use the fonts.			

