## **Character Sets**

This document tests glyph repertories for standard Adobe fonts. It also lists Unicode values used to access respective glyphs from XML documents.

Font family: Times

| Glyph | Unicode       | Adobe Name  |  |
|-------|---------------|-------------|--|
|       | x0020         | space       |  |
| !     | x0021         | exclam      |  |
| "     | x0022         | quotedbl    |  |
| #     | x0023         | numbersign  |  |
| \$    | x0024         | dollar      |  |
| %     | x0025         | percent     |  |
| &     | <b>x</b> 0026 | ampersand   |  |
| '     | x0027         | quotesingle |  |
| (     | x0028         | parenleft   |  |
| )     | x0029         | parenright  |  |
| *     | x002A         | asterisk    |  |
| +     | x002B         | plus        |  |
| ,     | x002C         | comma       |  |
| -     | x002D         | hyphen      |  |
|       | x002E         | period      |  |
| /     | x002F         | slash       |  |
| 0     | <b>x</b> 0030 | zero        |  |
| 1     | x0031         | one         |  |
| 2     | x0032         | two         |  |
| 3     | <b>x</b> 0033 | three       |  |
| 4     | x0034         | four        |  |
| 5     | x0035         | five        |  |
| 6     | <b>x</b> 0036 | six         |  |
| 7     | x0037         | seven       |  |
| 8     | x0038         | eight       |  |
| 9     | x0039         | nine        |  |
| :     | x003A         | colon       |  |
| ;     | x003B         | semicolon   |  |
| <     | x003C         | less        |  |
| =     | x003D         | equal       |  |
| >     | x003E         | greater     |  |
| ?     | x003F         | question    |  |
| @     | x0040         | at          |  |
| A     | x0041         | A           |  |
| В     | x0042         | В           |  |
| C     | x0043         | C           |  |
| D     | x0044         | D           |  |
| E     | x0045         | E           |  |
| F     | x0046         | F           |  |
| G     | x0047         | G           |  |
| H     | x0048         | Н           |  |

| Glyph | Unicode       | Adobe Name   |
|-------|---------------|--------------|
| I     | x0049         | I            |
| J     | x004A         | J            |
| K     | x004B         | K            |
| L     | x004C         | L            |
| M     | x004D         | M            |
| N     | x004E         | N            |
| О     | x004F         | О            |
| P     | <b>x</b> 0050 | P            |
| Q     | x0051         | Q            |
| R     | x0052         | R            |
| S     | x0053         | S            |
| T     | x0054         | T            |
| U     | <b>x</b> 0055 | U            |
| V     | x0056         | V            |
| W     | x0057         | W            |
| X     | x0058         | X            |
| Y     | x0059         | Y            |
| Z     | x005A         | Z            |
| [     | x005B         | bracketleft  |
| \     | x005C         | backslash    |
| ]     | x005D         | bracketright |
| ٨     | x005E         | asciicircum  |
|       | x005F         | underscore   |
| `     | x0060         | grave        |
| a     | x0061         | a            |
| b     | x0062         | b            |
| c     | <b>x</b> 0063 | c            |
| d     | x0064         | d            |
| e     | x0065         | e            |
| f     | <b>x</b> 0066 | f            |
| g     | x0067         | g            |
| h     | x0068         | h            |
| i     | x0069         | i            |
| j     | x006A         | j            |
| k     | x006B         | k            |
| 1     | x006C         | 1            |
| m     | x006D         | m            |
| n     | x006E         | n            |
| 0     | x006F         | О            |
| р     | x0070         | р            |
| q     | x0071         | q            |
| r     | x0072         | r            |
| S     | x0073         | S            |
| t     | x0074         | t            |
| u     | x0075         | u            |
| v     | x0076         | v            |
| w     | x0077         | w            |
| X     | x0078         | X            |
| y     | x0079         | y            |
| Z     | x007A         | Z            |

| ( | Hyph     | Unicode                | Adobe Name     |
|---|----------|------------------------|----------------|
| Γ | {        | x007B                  | braceleft      |
|   |          | x007C                  | bar            |
|   | }        | <b>x</b> 007D          | braceright     |
|   | ~        | x007E                  | asciitilde     |
|   | i        | x00A1                  | exclamdown     |
|   | ¢        | x00A2                  | cent           |
|   | £        | x00A3                  | sterling       |
|   | ¤        | x00A4                  | currency       |
|   | ¥        | x00A5                  | yen            |
|   | -        | x00A6                  | brokenbar      |
|   | §        | x00A7                  | section        |
|   |          | <b>x</b> 00 <b>A</b> 8 | dieresis       |
|   | ©        | x00A9                  | copyright      |
|   | a        | x00AA                  | ordfeminine    |
|   | «        | x00AB                  | guillemotleft  |
|   | $\neg$   | x00AC                  | logicalnot     |
|   | ®        | x00AE                  | registered     |
|   | -        | x00AF                  | macron         |
|   | 0        | x00B0                  | degree         |
|   | ±        | x00B1                  | plusminus      |
|   | 2        | x00B2                  | twosuperior    |
|   | 3        | x00B3                  | threesuperior  |
|   | ,        | x00B4                  | acute          |
|   | μ        | x00B5                  | mu             |
|   | ¶        | x00B6                  | paragraph      |
|   |          | x00B7                  | periodcentered |
|   |          | x00B8                  | cedilla        |
|   | 1        | x00B9                  | onesuperior    |
|   | o        | x00BA                  | ordmasculine   |
|   | <b>»</b> | x00BB                  | guillemotright |
|   | 1/4      | x00BC                  | onequarter     |
|   | 1/2      | x00BD                  | onehalf        |
|   | 3/4      | x00BE                  | threequarters  |
|   | ن        | x00BF                  | questiondown   |
|   | À        | x00C0                  | Agrave         |
|   | Á        | x00C1                  | Aacute         |
|   | Â        | x00C2                  | Acircumflex    |
|   | Ã        | x00C3                  | Atilde         |
|   | Ä        | x00C4                  | Adieresis      |
|   | Å        | x00C5                  | Aring          |
|   | Æ        | x00C6                  | AE             |
|   | Ç        | x00C7                  | Ccedilla       |
|   | È        | x00C8                  | Egrave         |
|   | É        | x00C9                  | Eacute         |
|   | Ê        | x00CA                  | Ecircumflex    |
|   | Ë        | x00CB                  | Edieresis      |
|   | Ì        | x00CC                  | Igrave         |
|   | Í        | x00CD                  | Iacute         |
| 1 | Î        | x00CE                  | Icircumflex    |
| , | 1        | YOOCE                  | ICHCUIIIICA    |

| Glyph | Unicode | Adobe Name  |
|-------|---------|-------------|
| Ð     | x00D0   | Eth         |
| Ñ     | x00D1   | Ntilde      |
| Ó     | x00D2   | Ograve      |
| Ó     | x00D3   | Oacute      |
| Ô     | x00D4   | Ocircumflex |
| Õ     | x00D5   | Otilde      |
| Ö     | x00D6   | Odieresis   |
| ×     | x00D7   | multiply    |
| Ø     | x00D8   | Oslash      |
| Ù     | x00D9   | Ugrave      |
| Ú     | x00DA   | Uacute      |
| Û     | x00DB   | Ucircumflex |
| Ü     | x00DC   | Udieresis   |
| Ý     | x00DD   | Yacute      |
| Þ     | x00DE   | Thorn       |
| В     | x00DF   | germandbls  |
| à     | x00E0   | agrave      |
| á     | x00E1   | aacute      |
| â     | x00E2   | acircumflex |
| ã     | x00E3   | atilde      |
| ä     | x00E4   | adieresis   |
| å     | x00E5   | aring       |
| æ     | x00E6   | ae          |
| ç     | x00E7   | ccedilla    |
| è     | x00E8   | egrave      |
| é     | x00E9   | eacute      |
| ê     | x00EA   | ecircumflex |
| ë     | x00EB   | edieresis   |
| ì     | x00EC   | igrave      |
| í     | x00ED   | iacute      |
| î     | x00EE   | icircumflex |
| ï     | x00EF   | idieresis   |
| ð     | x00F0   | eth         |
| ñ     | x00F1   | ntilde      |
| ò     | x00F2   | ograve      |
| ó     | x00F3   | oacute      |
| ô     | x00F4   | ocircumflex |
| õ     | x00F5   | otilde      |
| ö     | x00F6   | odieresis   |
| ÷     | x00F7   | divide      |
| ø     | x00F8   | oslash      |
| ù     | x00F9   | ugrave      |
| ú     | x00FA   | uacute      |
| û     | x00FB   | ucircumflex |
| ü     | x00FC   | udieresis   |
| ý     | x00FD   | yacute      |
| þ     | x00FE   | thorn       |
| ÿ     | x00FF   | ydieresis   |
| i     | x0131   | dotlessi    |
| L     | x0141   | Lslash      |
|       |         | Domon       |

| Glyph | Unicode       | Adobe Name     |  |
|-------|---------------|----------------|--|
| 1     | x0142         | lslash         |  |
| Œ     | x0152         | OE             |  |
| œ     | x0153         | oe             |  |
| Š     | <b>x</b> 0160 | Scaron         |  |
| š     | x0161         | scaron         |  |
| Ÿ     | x0178         | Ydieresis      |  |
| Ž     | x017D         | Zcaron         |  |
| ž     | x017E         | zcaron         |  |
| f     | x0192         | florin         |  |
| ^     | x02C6         | circumflex     |  |
| ?     | x02C7         | caron          |  |
| ?     | x02D8         | breve          |  |
| ?     | x02D9         | dotaccent      |  |
| 0     | x02DA         | ring           |  |
| ?     | x02DB         | ogonek         |  |
| ~     | x02DC         | tilde          |  |
| ?     | x02DD         | hungarumlaut   |  |
| _     | x2013         | endash         |  |
| -     | x2014         | emdash         |  |
| •     | x2018         | quoteleft      |  |
| ,     | x2019         | quoteright     |  |
| ,     | x201A         | quotesinglbase |  |
| "     | x201C         | quotedblleft   |  |
| ,,    | x201D         | quotedblright  |  |
| ,,    | x201E         | quotedblbase   |  |
| †     | x2020         | dagger         |  |
| ‡     | x2021         | daggerdbl      |  |
| •     | x2022         | bullet         |  |
|       | <b>x</b> 2026 | ellipsis       |  |
| ‰     | <b>x</b> 2030 | perthousand    |  |
| <     | x2039         | guilsinglleft  |  |
| >     | x203A         | guilsinglright |  |
| /     | x2044         | fraction       |  |
| €     | x20AC         | Euro           |  |
| TM    | x2122         | trademark      |  |
| ?     | xFB01         | fi             |  |
| ?     | xFB02         | fl             |  |

Font family: **Helvetica** 

| Glyph | Unicode       | Adobe Name  |
|-------|---------------|-------------|
|       | x0020         | space       |
| !     | x0021         | exclam      |
| "     | x0022         | quotedbl    |
| #     | <b>x</b> 0023 | numbersign  |
| \$    | x0024         | dollar      |
| %     | <b>x</b> 0025 | percent     |
| &     | <b>x</b> 0026 | ampersand   |
| '     | x0027         | quotesingle |
| (     | <b>x</b> 0028 | parenleft   |
| )     | x0029         | parenright  |

| Glyph | Unicode       | Adobe Name  |  |
|-------|---------------|-------------|--|
| *     | x002A         | asterisk    |  |
| +     | x002B         | plus        |  |
| ,     | x002C         | comma       |  |
| -     | x002D         | hyphen      |  |
|       | x002E         | period      |  |
| . /   | x002F         | slash       |  |
| 0     | <b>x</b> 0030 | zero        |  |
| 1     | x0031         | one         |  |
| 2     | x0032         | two         |  |
| 3     | <b>x</b> 0033 | three       |  |
| 4     | x0034         | four        |  |
| 5     | <b>x</b> 0035 | five        |  |
| 6     | <b>x</b> 0036 | six         |  |
| 7     | x0037         | seven       |  |
| 8     | x0038         | eight       |  |
| 9     | x0039         | nine        |  |
| :     | x003A         | colon       |  |
| ;     | x003B         | semicolon   |  |
| <     | x003C         | less        |  |
| =     | x003D         | equal       |  |
| >     | x003E         | greater     |  |
| ?     | x003F         | question    |  |
| @     | x0040         | at          |  |
| Α     | x0041         | A           |  |
| В     | x0042         | В           |  |
| С     | x0043         | C           |  |
| D     | x0044         | D           |  |
| Е     | x0045         | E           |  |
| F     | x0046         | F           |  |
| G     | x0047         | G           |  |
| Н     | x0048         | Н           |  |
| I     | x0049         | I           |  |
| J     | x004A         | J           |  |
| K     | x004B         | K           |  |
| L     | x004C         | L           |  |
| М     | x004D         | M           |  |
| Ν     | x004E         | N           |  |
| 0     | x004F         | O           |  |
| Р     | <b>x</b> 0050 | P           |  |
| Q     | x0051         | Q           |  |
| R     | x0052         | R           |  |
| S     | <b>x</b> 0053 | S           |  |
| Т     | x0054         | T           |  |
| U     | <b>x</b> 0055 | U           |  |
| V     | <b>x</b> 0056 | V           |  |
| W     | x0057         | W           |  |
| Χ     | x0058         | X           |  |
| Υ     | <b>x</b> 0059 | Y           |  |
| Z     | x005A         | Z           |  |
| [     | x005B         | bracketleft |  |

| Glyph    | Unicode        | Adobe Name    |   | Glyph  | Unicode        | Adobe Name     |   | Glyph  | Unicode        | Adobe Name   |
|----------|----------------|---------------|---|--------|----------------|----------------|---|--------|----------------|--------------|
| \        | x005C          | backslash     |   | ±      | x00B1          | plusminus      |   | ã      | x00E3          | atilde       |
| ]        | x005D          | bracketright  |   | 2      | x00B2          | twosuperior    |   | ä      | x00E4          | adieresis    |
| ^        | x005E          | asciicircum   |   | 3      | x00B3          | threesuperior  |   | å      | x00E5          | aring        |
| _        | x005F          | underscore    |   | ,      | x00B4          | acute          |   | æ      | x00E6          | ae           |
| `        | <b>x</b> 0060  | grave         |   | μ      | x00B5          | mu             |   | Ç      | x00E7          | ccedilla     |
| а        | x0061          | a             |   | ¶      | <b>x</b> 00B6  | paragraph      |   | è      | x00E8          | egrave       |
| b        | x0062          | b             |   |        | x00B7          | periodcentered |   | é      | x00E9          | eacute       |
| С        | <b>x</b> 0063  | c             |   | د      | x00B8          | cedilla        |   | ê      | x00EA          | ecircumflex  |
| d        | x0064          | d             |   | 1      | x00B9          | onesuperior    |   | ë      | x00EB          | edieresis    |
| е        | <b>x</b> 0065  | e             |   | 0      | x00BA          | ordmasculine   |   | ì      | x00EC          | igrave       |
| f        | <b>x</b> 0066  | f             |   | »      | x00BB          | guillemotright |   | í      | x00ED          | iacute       |
| g        | <b>x</b> 0067  | g             |   | 1/4    | x00BC          | onequarter     |   | î      | x00EE          | icircumflex  |
| h        | <b>x</b> 0068  | h             |   | 1/2    | x00BD          | onehalf        |   | ï      | x00EF          | idieresis    |
| i        | <b>x</b> 0069  | i             |   | 3/4    | x00BE          | threequarters  |   | ð      | x00F0          | eth          |
| j        | x006A          | j             |   | Ś      | x00BF          | questiondown   |   | ñ      | x00F1          | ntilde       |
| k        | x006B          | k             |   | À      | x00C0          | Agrave         |   | ò      | x00F2          | ograve       |
| 1        | x006C          | 1             |   | Á      | x00C1          | Aacute         |   | ó      | x00F3          | oacute       |
| m        | <b>x</b> 006D  | m             |   | Â      | x00C2          | Acircumflex    |   | ô      | x00F4          | ocircumflex  |
| n        | x006E          | n             |   | Ã      | x00C3          | Atilde         |   | õ      | x00F5          | otilde       |
| 0        | x006F          | 0             |   | Ä      | x00C4          | Adieresis      |   | ö      | x00F6          | odieresis    |
| р        | x0070          | р             |   | Å      | x00C5          | Aring          |   | ÷      | x00F7          | divide       |
| q        | x0071          | q             |   | Æ      | x00C6          | AE             |   | ø      | x00F8          | oslash       |
| l r l    | x0072          | r             |   | Ç      | x00C7          | Ccedilla       |   | ù      | x00F9          | ugrave       |
| s        | x0073          | s             |   | È      | x00C8          | Egrave         |   | ú      | x00FA          | uacute       |
| t        | x0074          | t             |   | É      | x00C9          | Eacute         |   | û      | x00FB          | ucircumflex  |
| u        | x0075          | u             |   | Ê      | x00CA          | Ecircumflex    |   | ü      | x00FC          | udieresis    |
| v        | <b>x</b> 0076  | V             |   | Ë      | x00CB          | Edieresis      |   | ý      | x00FD          | yacute       |
| w        | x0077          | w             |   | ì      | x00CC          | Igrave         |   | þ      | x00FE          | thorn        |
| x        | x0078          | X             |   | ĺ      | x00CD          | Iacute         |   | ÿ      | x00FF          | ydieresis    |
| y        | x0079          | y             |   | î      | x00CE          | Icircumflex    |   | i      | x0131          | dotlessi     |
| Z        | x007A          | z             |   | ï      | x00CF          | Idieresis      |   | L      | x0141          | Lslash       |
| {        | ж007В          | braceleft     |   | Đ      | x00D0          | Eth            |   |        | x0142          | lslash       |
| li       | x007C          | bar           |   | Ñ      | x00D1          | Ntilde         |   | Œ      | x0152          | OE           |
| '        | x007D          | braceright    |   | Ò      | x00D2          | Ograve         |   | œ      | x0153          | oe           |
|          | x007E          | asciitilde    |   | Ó      | x00D3          | Oacute         |   | Š      | x0160          | Scaron       |
| i        | x00A1          | exclamdown    |   | Ô      | x00D4          | Ocircumflex    |   | š      | x0161          | scaron       |
| ¢        | x00A2          | cent          |   | Õ      | x00D5          | Otilde         |   | Ÿ      | x0178          | Ydieresis    |
| £        | x00A3          | sterling      |   | Ö      | x00D6          | Odieresis      |   | Ž      | x017D          | Zcaron       |
| ¤        | x00A4          | currency      |   | ×      | x00D7          | multiply       |   | ž      | x017E          | zcaron       |
| ¥        | x00A5          | yen           |   | ø      | x00D8          | Oslash         |   | f      | x0192          | florin       |
|          | x00A6          | brokenbar     |   | Ù      | x00D9          | Ugrave         |   | ,      | x02C6          | circumflex   |
| §        | x00A7          | section       |   | Ú      | x00DA          | Uacute         |   | ?      | x02C7          | caron        |
| ا<br>    | x00A8          | dieresis      |   | Û      | x00DB          | Ucircumflex    |   | ?      | x02D8          | breve        |
| ©        | x00A9          | copyright     |   | Ü      | x00DC          | Udieresis      |   | ?      | x02D9          | dotaccent    |
| a        | x00AA          | ordfeminine   |   | Ý      | x00DD          | Yacute         |   | 0      | x02DA          | ring         |
| <b>«</b> | x00AB          | guillemotleft |   | Þ      | x00DE          | Thorn          |   | ?      | x02DB          | ogonek       |
| "        | x00AC          | logicalnot    |   | s<br>S | x00DE<br>x00DF | germandbls     |   | ,<br>~ | x02DC          | tilde        |
| ®        | x00AC          | registered    |   | à      | x00E0          | agrave         |   | ?      | x02DD          | hungarumlaut |
| -        | x00AE          | macron        |   | á      | x00E0<br>x00E1 | agrave         |   |        | x2013          | endash       |
| 0        | x00AF<br>x00B0 |               |   | â      | x00E1          | acircumflex    |   |        | x2013<br>x2014 | emdash       |
|          | AUUBU          | degree        | I | а      | AUUEZ          | aciicuiiilex   | l |        | AZULT          | Cilidasii    |

| Glyph | Unicode       | Adobe Name     |
|-------|---------------|----------------|
| "     | x2018         | quoteleft      |
| ,     | x2019         | quoteright     |
| ,     | x201A         | quotesinglbase |
| 66    | x201C         | quotedblleft   |
| "     | x201D         | quotedblright  |
| "     | x201E         | quotedblbase   |
| †     | <b>x</b> 2020 | dagger         |
| ‡     | x2021         | daggerdbl      |
| •     | x2022         | bullet         |
|       | <b>x</b> 2026 | ellipsis       |
| ‰     | <b>x</b> 2030 | perthousand    |
| <     | <b>x</b> 2039 | guilsinglleft  |
| >     | x203A         | guilsinglright |
| /     | x2044         | fraction       |
| €     | x20AC         | Euro           |
| ТМ    | x2122         | trademark      |
| ?     | xFB01         | fi             |
| ?     | xFB02         | fl             |

Font family: Courier

| Glyph | Unicode       | Adobe Name  |
|-------|---------------|-------------|
|       | x0020         | space       |
| !     | x0021         | exclam      |
| "     | x0022         | quotedbl    |
| #     | x0023         | numbersign  |
| \$    | x0024         | dollar      |
| %     | x0025         | percent     |
| &     | <b>x</b> 0026 | ampersand   |
| '     | x0027         | quotesingle |
| (     | x0028         | parenleft   |
| )     | x0029         | parenright  |
| *     | x002A         | asterisk    |
| +     | x002B         | plus        |
| ,     | x002C         | comma       |
| _     | x002D         | hyphen      |
|       | x002E         | period      |
| /     | x002F         | slash       |
| 0     | <b>x</b> 0030 | zero        |
| 1     | x0031         | one         |
| 2     | x0032         | two         |
| 3     | <b>x</b> 0033 | three       |
| 4     | x0034         | four        |
| 5     | <b>x</b> 0035 | five        |
| 6     | <b>x</b> 0036 | six         |
| 7     | <b>x</b> 0037 | seven       |
| 8     | <b>x</b> 0038 | eight       |
| 9     | <b>x</b> 0039 | nine        |
| :     | x003A         | colon       |
| ;     | x003B         | semicolon   |
| <     | x003C         | less        |

| Glyph | Unicode       | Adobe Name   |
|-------|---------------|--------------|
| =     | x003D         | equal        |
| >     | x003E         | greater      |
| ?     | x003F         | question     |
| @     | x0040         | at           |
| А     | x0041         | A            |
| В     | x0042         | В            |
| С     | x0043         | С            |
| D     | x0044         | D            |
| E     | x0045         | E            |
| F     | x0046         | F            |
| G     | x0047         | G            |
| Н     | x0048         | Н            |
| I     | x0049         | I            |
| J     | x004A         | J            |
| K     | x004B         | K            |
| L     | x004C         | L            |
| М     | x004D         | M            |
| N     | x004E         | N            |
| 0     | x004F         | О            |
| P     | <b>x</b> 0050 | P            |
| Q     | x0051         | Q            |
| R     | x0052         | R            |
| S     | <b>x</b> 0053 | S            |
| Т     | x0054         | T            |
| U     | <b>x</b> 0055 | U            |
| V     | x0056         | V            |
| W     | x0057         | W            |
| Х     | <b>x</b> 0058 | X            |
| Y     | x0059         | Y            |
| Z     | x005A         | Z            |
| [     | x005B         | bracketleft  |
| \     | x005C         | backslash    |
| ]     | x005D         | bracketright |
| ^     | x005E         | asciicircum  |
| _     | x005F         | underscore   |
| `     | x0060         | grave        |
| a     | x0061         | a            |
| b     | x0062         | b            |
| С     | <b>x</b> 0063 | c            |
| d     | x0064         | d            |
| е     | <b>x</b> 0065 | e            |
| f     | <b>x</b> 0066 | f            |
| g     | x0067         | g            |
| h     | x0068         | h            |
| i     | x0069         | i            |
| j     | x006A         | j            |
| k     | x006B         | k            |
| 1     | x006C         | 1            |
| m     | x006D         | m            |
| n     | x006E         | n            |

| Glyph | Unicode                | Adobe Name     |
|-------|------------------------|----------------|
| 0     | x006F                  | О              |
| р     | <b>x</b> 0070          | p              |
| q     | x0071                  | q              |
| r     | x0072                  | r              |
| s     | <b>x</b> 0073          | S              |
| t     | x0074                  | t              |
| u     | <b>x</b> 0075          | u              |
| v     | <b>x</b> 0076          | v              |
| W     | <b>x</b> 0077          | w              |
| х     | <b>x</b> 0078          | X              |
| У     | x0079                  | y              |
| Z     | x007A                  | z              |
| {     | x007B                  | braceleft      |
|       | x007C                  | bar            |
| }     | <b>x</b> 007D          | braceright     |
| ~     | x007E                  | asciitilde     |
| i     | x00A1                  | exclamdown     |
| ¢     | x00A2                  | cent           |
| £     | x00A3                  | sterling       |
| ¤     | x00A4                  | currency       |
| ¥     | x00A5                  | yen            |
| -     | x00A6                  | brokenbar      |
| 8     | x00A7                  | section        |
|       | <b>x</b> 00 <b>A</b> 8 | dieresis       |
| ©     | x00A9                  | copyright      |
| a     | x00AA                  | ordfeminine    |
| «     | x00AB                  | guillemotleft  |
| П     | x00AC                  | logicalnot     |
| ®     | x00AE                  | registered     |
| -     | x00AF                  | macron         |
| 0     | x00B0                  | degree         |
| ±     | x00B1                  | plusminus      |
| 2     | x00B2                  | twosuperior    |
| 3     | x00B3                  | threesuperior  |
| ,     | x00B4                  | acute          |
| μ     | x00B5                  | mu             |
| ¶     | x00B6                  | paragraph      |
|       | x00B7                  | periodcentered |
| 5     | x00B8                  | cedilla        |
| 1     | x00B9                  | onesuperior    |
| 0     | x00BA                  | ordmasculine   |
| >>    | x00BB                  | guillemotright |
| 1/4   | x00BC                  | onequarter     |
| 1/2   | x00BD                  | onehalf        |
| 3/4   | x00BE                  | threequarters  |
| خ     | x00BF                  | questiondown   |
| À     | x00C0                  | Agrave         |
| Á     | x00C1                  | Aacute         |
| Â     | x00C2                  | Acircumflex    |
| Ã     | x00C3                  | Atilde         |

| Glyph | Unicode | Adobe Name  |  |  |  |
|-------|---------|-------------|--|--|--|
| Ä     | x00C4   | Adieresis   |  |  |  |
| Å     | x00C5   | Aring       |  |  |  |
| Æ     | x00C6   | AE          |  |  |  |
| Ç     | x00C7   | Ccedilla    |  |  |  |
| È     | x00C8   | Egrave      |  |  |  |
| É     | x00C9   | Eacute      |  |  |  |
| Ê     | x00CA   | Ecircumflex |  |  |  |
| Ë     | x00CB   | Edieresis   |  |  |  |
| Ì     | x00CC   | Igrave      |  |  |  |
| Í     | x00CD   | Iacute      |  |  |  |
| Î     | x00CE   | Icircumflex |  |  |  |
| Ï     | x00CF   | Idieresis   |  |  |  |
| Ð     | x00D0   | Eth         |  |  |  |
| Ñ     | x00D1   | Ntilde      |  |  |  |
| Ò     | x00D2   | Ograve      |  |  |  |
| Ó     | x00D3   | Oacute      |  |  |  |
| ô     | x00D4   | Ocircumflex |  |  |  |
| õ     | x00D5   | Otilde      |  |  |  |
| Ö     | x00D6   | Odieresis   |  |  |  |
| ×     | x00D7   | multiply    |  |  |  |
| Ø     | x00D8   | Oslash      |  |  |  |
| Ù     | x00D9   | Ugrave      |  |  |  |
| Ú     | x00DA   | Uacute      |  |  |  |
| Û     | x00DB   | Ucircumflex |  |  |  |
| Ü     | x00DC   | Udieresis   |  |  |  |
| Ý     | x00DD   | Yacute      |  |  |  |
| Þ     | x00DE   | Thorn       |  |  |  |
| ß     | x00DF   | germandbls  |  |  |  |
| à     | x00E0   | agrave      |  |  |  |
| á     | x00E1   | aacute      |  |  |  |
| â     | x00E2   | acircumflex |  |  |  |
| ã     | x00E3   | atilde      |  |  |  |
| ä     | x00E4   | adieresis   |  |  |  |
| å     | x00E5   | aring       |  |  |  |
| æ     | x00E6   | ae          |  |  |  |
| Ç     | x00E7   | ccedilla    |  |  |  |
| è     | x00E8   | egrave      |  |  |  |
| é     | x00E9   | eacute      |  |  |  |
| ê     | x00EA   | ecircumflex |  |  |  |
| ë     | x00EB   | edieresis   |  |  |  |
| ì     | x00EC   | igrave      |  |  |  |
| í     | x00ED   | iacute      |  |  |  |
| î     | x00EE   | icircumflex |  |  |  |
| ï     | x00EF   | idieresis   |  |  |  |
| ð     | x00F0   | eth         |  |  |  |
| ñ     | x00F1   | ntilde      |  |  |  |
| ò     | x00F2   | ograve      |  |  |  |
| Ó     | x00F3   | oacute      |  |  |  |
| ô     | x00F4   | ocircumflex |  |  |  |
| õ     | x00F5   | otilde      |  |  |  |

| Glyph | Unicode        | Adobe Name            |  |  |  |  |
|-------|----------------|-----------------------|--|--|--|--|
| Ö     | x00F6          | odieresis             |  |  |  |  |
| ÷     | x00F7          | divide                |  |  |  |  |
| ø     | x00F8          | oslash                |  |  |  |  |
| ù     | x00F9          | ugrave                |  |  |  |  |
| ú     | x00FA          | uacute                |  |  |  |  |
| û     | x00FB          | ucircumflex           |  |  |  |  |
| ü     | x00FC          | udieresis             |  |  |  |  |
| Ý     | x00FD          | vacute                |  |  |  |  |
| þ     | x00FE          | thorn                 |  |  |  |  |
| ÿ     | x00FF          | ydieresis             |  |  |  |  |
| i     | x0131          | ydieresis<br>dotlessi |  |  |  |  |
| L     | x0141          | Lslash                |  |  |  |  |
| 1     | x0141          | lslash                |  |  |  |  |
| Œ     | x0152          | OE                    |  |  |  |  |
| œ     | x0152          | oe                    |  |  |  |  |
| š     | x0160          | Scaron                |  |  |  |  |
| o XX  | x0161          |                       |  |  |  |  |
| ÿ     | x0178          | scaron<br>Ydieresis   |  |  |  |  |
| ž     | x0170          | Zcaron                |  |  |  |  |
| ž     | x017E          |                       |  |  |  |  |
|       | x017E          | zcaron<br>florin      |  |  |  |  |
| f     | x0192<br>x02C6 | circumflex            |  |  |  |  |
| ?     | x02C0          | caron                 |  |  |  |  |
| ?     | x02D8          | breve                 |  |  |  |  |
| 3     | x02D0          | dotaccent             |  |  |  |  |
|       | x02DA          | ring                  |  |  |  |  |
| ?     | x02DB          | ogonek                |  |  |  |  |
| ~     | x02DC          | tilde                 |  |  |  |  |
| ?     | x02DD          | hungarumlaut          |  |  |  |  |
| -     | x2013          | endash                |  |  |  |  |
| l _   | x2014          | emdash                |  |  |  |  |
| ,     | x2018          | quoteleft             |  |  |  |  |
| ,     | x2019          | quoteright            |  |  |  |  |
| ١     | x201A          | quotesinglbase        |  |  |  |  |
| "     | x201C          | quotedblleft          |  |  |  |  |
| "     | x201D          | quotedblright         |  |  |  |  |
| "     | x201E          | quotedblbase          |  |  |  |  |
| "     | x2020          | dagger                |  |  |  |  |
| ±     | x2021          | daggerdbl             |  |  |  |  |
|       | x2022          | bullet                |  |  |  |  |
|       | x2026          | ellipsis              |  |  |  |  |
| 0/0   | x2030          | perthousand           |  |  |  |  |
| <     | x2039          | guilsinglleft         |  |  |  |  |
| >     | x203A          | guilsinglright        |  |  |  |  |
| /     | x2044          | fraction              |  |  |  |  |
|       | x20AC          | Euro                  |  |  |  |  |
| тм    | x2122          | trademark             |  |  |  |  |
| 3     | xFB01          | fi                    |  |  |  |  |
| ?     | xFB02          | fl                    |  |  |  |  |
|       |                |                       |  |  |  |  |

| Glyph  | Unicode        | Adobe Name              |
|--------|----------------|-------------------------|
|        | x0020          | space                   |
| ļ      | x0021          | exclam                  |
| #      | x0023          | numbersign              |
| %      | x0025          | percent                 |
| &      | <b>x</b> 0026  | ampersand               |
| (      | x0028          | parenleft               |
| )      | x0029          | parenright              |
| +      | x002B          | plus                    |
| ,      | x002C          | comma                   |
|        | x002E          | period                  |
| /      | x002F          | slash                   |
| 0      | <b>x</b> 0030  | zero                    |
| 1      | x0031          | one                     |
| 2      | x0032          | two                     |
| 3      | x0033          | three                   |
| 4      | x0034          | four                    |
| 5      | x0035          | five                    |
| 6      | <b>x</b> 0036  | six                     |
| 7      | x0037          | seven                   |
| 8      | x0038          | eight                   |
| 9      | x0039          | nine                    |
| :      | x003A          | colon                   |
| ;      | x003B          | semicolon               |
| ,<br>< | x003D          | less                    |
| _      | x003D          |                         |
|        | x003E          | equal                   |
| ><br>? | x003E          | greater                 |
| ;<br>[ | x005F          | question<br>bracketleft |
| -      | x005D          |                         |
| ]      | x005D<br>x005F | bracketright            |
| _      |                | underscore              |
| {      | x007B          | braceleft               |
|        | x007C          | bar                     |
| }      | x007D          | braceright              |
| · ·    | x00AC          | logicalnot              |
| ŭ      | x00B0          | degree                  |
| ±      | x00B1          | plusminus               |
| ×      | x00D7          | multiply                |
| ÷      | x00F7          | divide                  |
| f      | x0192          | florin                  |
|        | x0391          | Alpha                   |
|        | x0392          | Beta                    |
|        | x0393          | Gamma                   |
|        | x0394          | Delta                   |
|        | x0395          | Epsilon                 |
|        | <b>x</b> 0396  | Zeta                    |
|        | x0397          | Eta                     |
|        | x0398          | Theta                   |
|        | <b>x</b> 0399  | Iota                    |
|        |                | **                      |

Kappa

x039A

| Glyph | Unicode       | Adobe Name |  |  |
|-------|---------------|------------|--|--|
| x039B |               | Lambda     |  |  |
|       | x039C         | Mu         |  |  |
|       | x039D         | Nu         |  |  |
|       | x039E         | Xi         |  |  |
|       | x039F         | Omicron    |  |  |
|       | x03A0         | Pi         |  |  |
|       | x03A1         | Rho        |  |  |
|       | x03A3         | Sigma      |  |  |
|       | x03A4         | Tau        |  |  |
|       | x03A5         | Upsilon    |  |  |
|       | x03A6         | Phi        |  |  |
|       | x03A7         | Chi        |  |  |
|       | x03A8         | Psi        |  |  |
|       | x03A9         | Omega      |  |  |
|       | x03B1         | alpha      |  |  |
|       | x03B2         | beta       |  |  |
|       | x03B3         | gamma      |  |  |
|       | x03B4         | delta      |  |  |
|       | x03B5         | epsilon    |  |  |
|       | x03B6         | zeta       |  |  |
|       | x03B7         | eta        |  |  |
|       | x03B8         | theta      |  |  |
|       | x03B9         | iota       |  |  |
|       | x03BA         | kappa      |  |  |
|       | x03BB         | lambda     |  |  |
| μ     | x03BC         | mu         |  |  |
| '     | x03BD         | nu         |  |  |
|       | x03BE         | xi         |  |  |
|       | x03BF         | omicron    |  |  |
|       | x03C0         | pi         |  |  |
|       | x03C1         | rho        |  |  |
| ?     | x03C2         | sigma1     |  |  |
|       | x03C3         | sigma      |  |  |
|       | x03C4         | tau        |  |  |
|       | x03C5         | upsilon    |  |  |
|       | x03C6         | phi        |  |  |
|       | x03C7         | chi        |  |  |
|       | x03C8         | psi        |  |  |
|       | x03C9         | omega      |  |  |
| ?     | x03D1         | theta1     |  |  |
| ?     | x03D2         | Upsilon1   |  |  |
| ?     | x03D5         | phi1       |  |  |
| ?     | x03D6         | omega1     |  |  |
| •     | x2022         | bullet     |  |  |
|       | x2026         | ellipsis   |  |  |
|       | x2032         | minute     |  |  |
|       | <b>x</b> 2033 | second     |  |  |
| ?     | x2044         | fraction   |  |  |
| €     | x20AC         | Euro       |  |  |
| ?     | x2111         | Ifraktur   |  |  |

| ? x2118 weierstrass ? x211C Rfraktur ? x2135 aleph x2190 arrowleft x2191 arrowup x2192 arrowright x2193 arrowdown ? x2194 arrowboth carriagereturn ? x21D0 arrowdblleft arrowdblup x21D2 arrowdblright x21D3 arrowdblown x21D4 arrowdblown x21D4 arrowdblown x21D4 arrowdbloth x2200 universal x2202 partialdiff x2203 existential x2207 gradient x2208 element ? x2208 element ? x2208 emptyset notelement x2208 roduct x2211 summation ? x2212 minus ? x2217 asteriskmath x221A radical x221D proportional x221E infinity x2220 angle x2227 logicaland x221D proportional x221E infinity x2220 intersection x2228 logicalor x2229 intersection x2228 congruent x2234 therefore x2234 therefore x2234 therefore x2234 spproxequal x2261 equivalence ? x2248 approxequal x2261 equivalence ? x2265 greaterequal propersubset x2282 propersubset x2283 propersubset reflexsubset reflexsubset reflexsubset reflexsubset   |       |              |                |  |  |
|--|-------|--------------|----------------|--|--|
| ? x211C Rfraktur ? x2135 aleph x2190 arrowleft x2191 arrowup x2192 arrowright x2193 arrowdown ? x2194 arrowboth ? x21B5 carriagereturn ? x21D0 arrowdblleft ? x21D1 arrowdblup x21D2 arrowdblright x21D3 arrowdblown x21D4 arrowdblown x21D4 arrowdblooth x2200 universal x2202 partialdiff x2203 existential x2207 gradient x2208 element ? x2205 emptyset ? x2209 notelement x220B ? x2207 product x2211 summation ? x2212 minus ? x2217 asteriskmath x221A radical x221D proportional x221E infinity x2220 angle x2227 logicaland x222B logicalor x222B integral x2229 intersection x222A union x222B integral x2234 therefore x2234 therefore x2236 similar ? x2245 congruent x2248 approxequal x2260 notequal x2261 equivalence ? x2262 greaterequal propersubset x2282 propersubset x2283 propersuperset x2284 notsubset reflexsubset reflexsubset reflexsubset reflexsubset   | Glyph | Unicode      |                |  |  |
| x2190 arrowleft x2191 arrowup x2192 arrowright x2193 arrowdown  ? x2194 arrowboth ? x21B5 carriagereturn ? x21D0 arrowdblleft ? x21D1 arrowdblup x21D2 arrowdblright x21D3 arrowdbldown x21D4 arrowdblboth x2200 universal x2202 partialdiff x2203 existential x2207 gradient x2208 element ? x2208 element ? x2209 notelement x2208 suchthat ? x2209 roduct x2211 summation ? x2212 minus ? x2217 asteriskmath x221A radical x221D proportional x221E infinity x2220 angle x2227 logicaland x2228 logicalor x2229 intersection x2228 integral x2234 therefore ? x223C similar ? x2245 congruent ? x2245 congruent ? x2246 lessequal x2260 notequal x2261 equivalence ? x2264 lessequal x2265 greaterequal x2261 greaterequal x2262 propersubset x2283 propersuperset x2284 notsubset x2287 reflexsuperset ? x2287 reflexsuperset  |       |              | weierstrass    |  |  |
| x2190 arrowleft x2191 arrowup x2192 arrowright x2193 arrowdown  ? x2194 arrowboth ? x21B5 carriagereturn ? x21D0 arrowdblleft ? x21D1 arrowdblup x21D2 arrowdblright x21D3 arrowdbldown x21D4 arrowdblboth x2200 universal x2202 partialdiff x2203 existential x2207 gradient x2208 element ? x2208 element ? x2209 notelement x2208 suchthat ? x2209 roduct x2211 summation ? x2212 minus ? x2217 asteriskmath x221A radical x221D proportional x221E infinity x2220 angle x2227 logicaland x2228 logicalor x2229 intersection x2228 integral x2234 therefore ? x223C similar ? x2245 congruent ? x2245 congruent ? x2246 lessequal x2260 notequal x2261 equivalence ? x2264 lessequal x2265 greaterequal x2261 greaterequal x2262 propersubset x2283 propersuperset x2284 notsubset x2287 reflexsuperset ? x2287 reflexsuperset  | ?     | _            | Rfraktur       |  |  |
| x2191 arrowup x2192 arrowright x2193 arrowdown x2194 arrowboth x2195 carriagereturn x21D0 arrowdblleft x21D1 arrowdblup x21D2 arrowdblright x21D3 arrowdblown x21D4 arrowdblboth x2200 universal x2202 partialdiff x2203 existential x2207 gradient x2208 element x2208 element x2208 emptyset x2209 notelement x220B suchthat x220F product x2211 summation x2212 minus x2217 asteriskmath x221A radical x221D proportional x221E infinity x2220 angle x2227 logicaland x2228 logicalor x2229 intersection x2228 union x2229 integral x2234 therefore x2234 therefore x2234 therefore x2236 similar x2245 congruent x2248 approxequal x2260 notequal x2261 equivalence x2261 equivalence x2262 greaterequal x2261 greaterequal x2262 propersubset x2282 propersubset x2283 propersuperset x2284 notsubset x2286 reflexsubset x2287 reflexsuperset   | ?     |              | aleph          |  |  |
| x2192 arrowright x2193 arrowdown x2194 arrowboth x21B5 carriagereturn x21D0 arrowdblleft x21D1 arrowdblup x21D2 arrowdblright x21D3 arrowdblown x21D4 arrowdblown x21D4 arrowdblown x21D4 arrowdbloth x2200 universal x2202 partialdiff x2203 existential x2207 gradient x2208 element x2208 element x2208 element x2209 notelement x220B suchthat x220T product x2211 summation x2212 minus x2211 radical x2210 proportional x2212 minus x2212 minus x2212 minus x2212 minus x2213 infinity x2220 angle x2221 logicaland x2221 logicaland x2222 logicalor x2223 integral x2224 therefore x2224 union x2228 integral x2234 therefore x2234 therefore x2234 therefore x2234 similar x2245 congruent x2245 congruent x2246 equivalence x2261 equivalence x2261 equivalence x2262 greaterequal x2261 greaterequal x2262 greaterequal x2263 greaterequal x2265 greaterequal x2266 reflexsubset x2287 reflexsuperset x2287 reflexsuperset   |       | <b>x2190</b> | arrowleft      |  |  |
| x2193 arrowdown x2194 arrowboth x21B5 carriagereturn x21D0 arrowdblleft x21D1 arrowdblup x21D2 arrowdblright x21D3 arrowdbldown x21D4 arrowdblboth x2200 universal x2202 partialdiff x2203 existential x2207 gradient x2208 element x2208 element x2208 suchthat x2209 notelement x220B suchthat x220T product x2211 summation x2212 minus x2211 summation x2212 minus x2211 radical x2210 proportional x2212 minus x2212 minus x2212 minus x2212 minus x2212 minus x2212 minus x2213 asteriskmath x2214 radical x2210 proportional x2212 infinity x2220 angle x2221 logicaland x22228 logicalor x22229 intersection x22228 integral x2234 therefore x2234 therefore x2234 sapproxequal x2245 congruent x2248 approxequal x2261 equivalence x2264 lessequal x2261 greaterequal x2261 greaterequal x2262 propersubset x2282 propersubset x2283 propersuperset x2284 notsubset x2286 reflexsubset x2287 reflexsuperset   |       | x2191        | arrowup        |  |  |
| ? x2194 arrowboth ? x21B5 carriagereturn ? x21D0 arrowdblleft ? x21D1 arrowdblup x21D2 arrowdblright arrowdblown x21D4 arrowdblown x21D4 arrowdblown x21D4 arrowdblooth x2200 universal x2202 partialdiff x2203 existential x2207 gradient x2208 element ? x2205 emptyset ? x2209 notelement x220B suchthat ? x220F product x2211 summation ? x2212 minus ? x2217 asteriskmath x221A radical x221D proportional x221E infinity x2220 angle x2227 logicaland x2228 logicalor x2229 intersection x2228 integral x2229 integral x2224 therefore ? x223C similar ? x2245 congruent approxequal x2261 equivalence ? x2248 approxequal x2261 equivalence ? x2264 lessequal ? x2265 greaterequal x2261 greaterequal x2261 propersubset x2282 propersubset x2283 propersuperset notsubset reflexsubset reflexsubset reflexsuperset ? x2287 reflexsuperset  |       |              | arrowright     |  |  |
| ? x21B5 carriagereturn ? x21D0 arrowdblleft ? x21D1 arrowdblup x21D2 arrowdblright ? x21D3 arrowdbldown x21D4 arrowdblboth x2200 universal x2202 partialdiff x2203 existential x2207 gradient x2208 element ? x2209 notelement x220B suchthat ? x220F product x2211 summation ? x2212 minus ? x2217 asteriskmath x221A radical x221D proportional x221E infinity x2220 angle x2227 logicaland x2228 logicalor x2229 intersection x2228 union x2228 integral x2234 therefore ? x223C similar ? x2245 congruent ? x2248 approxequal x2260 notequal x2261 equivalence ? x2264 lessequal ? x2265 greaterequal x2282 propersubset x2283 propersuperset ? x2284 notsubset x2286 reflexsubset x2287 reflexsuperset ? x2295 circleplus   |       | <b>x2193</b> | arrowdown      |  |  |
| x21D2 arrowdblright x21D3 arrowdbldown x21D4 arrowdblboth x2200 universal x2202 partialdiff x2203 existential x2207 gradient x2208 element x2208 emptyset x2209 notelement x220B suchthat x2211 summation x2211 summation x2212 minus x2217 asteriskmath x221A radical x221D proportional x221E infinity x2220 angle x2227 logicaland x2228 logicalor intersection x2228 integral x2229 intersection x2228 integral x2234 therefore x2234 therefore x2234 therefore x2234 congruent x2248 approxequal x2261 equivalence x2261 equivalence x2262 greaterequal x2261 propersubset x2282 propersubset x2283 propersuperset x2284 notsubset x2286 reflexsubset x2287 reflexsuperset  | ?     | _            | arrowboth      |  |  |
| x21D2 arrowdblright x21D3 arrowdbldown x21D4 arrowdblboth x2200 universal x2202 partialdiff x2203 existential x2207 gradient x2208 element x2208 emptyset x2209 notelement x220B suchthat x2211 summation x2211 summation x2212 minus x2217 asteriskmath x221A radical x221D proportional x221E infinity x2220 angle x2227 logicaland x2228 logicalor intersection x2228 integral x2229 intersection x2228 integral x2234 therefore x2234 therefore x2234 therefore x2234 congruent x2248 approxequal x2261 equivalence x2261 equivalence x2262 greaterequal x2261 propersubset x2282 propersubset x2283 propersuperset x2284 notsubset x2286 reflexsubset x2287 reflexsuperset  | ?     | x21B5        | carriagereturn |  |  |
| x21D2 arrowdblright x21D3 arrowdbldown x21D4 arrowdblboth x2200 universal x2202 partialdiff x2203 existential x2207 gradient x2208 element x2208 emptyset x2209 notelement x220B suchthat x2211 summation x2211 summation x2212 minus x2217 asteriskmath x221A radical x221D proportional x221E infinity x2220 angle x2227 logicaland x2228 logicalor intersection x2228 integral x2229 intersection x2228 integral x2234 therefore x2234 therefore x2234 therefore x2234 congruent x2248 approxequal x2261 equivalence x2261 equivalence x2262 greaterequal x2261 propersubset x2282 propersubset x2283 propersuperset x2284 notsubset x2286 reflexsubset x2287 reflexsuperset  | ?     | x21D0        | arrowdblleft   |  |  |
| ? x21D3 arrowdbldown arrowdblboth x22D4 universal partialdiff x22O3 existential x22O7 gradient element x22D8 element x22D8 suchthat product x2211 summation minus x2212 minus asteriskmath x221A radical proportional x221E infinity x222D angle x2227 logicaland x221E infinity x2220 angle x2227 logicaland x2228 logicalor intersection x2228 integral x221A radical refore x222A union x222B integral x222A union x222B integral x2234 therefore x2234 therefore x2234 therefore x2234 refore x2245 congruent x2246 lessequal x2261 equivalence requivalence requivalence requivalence reflexsubset x2284 notsubset reflexsubset reflexsubset reflexsuperset reflexsupe | ?     | x21D1        | arrowdblup     |  |  |
| x21D4 arrowdblboth x2200 universal x2202 partialdiff x2203 existential x2207 gradient x2208 element x2208 emptyset x2209 notelement x220B suchthat yroduct x2211 summation x2212 minus x2212 minus x2212 minus yroty x2212 minus yroty x2212 minus yroty x2210 proportional x221E infinity x2220 angle x2227 logicaland x2228 logicalor x2229 intersection x2228 union x2228 integral x2234 therefore yroty x2234 therefore yroty x2245 congruent yroty x2245 congruent yroty x2261 equivalence yroty x2261 equivalence yroty x2262 greaterequal yroty x2282 propersubset yroty x2284 notsubset yroty x2286 reflexsubset yroty x2287 reflexsuperset yroty x2287 circleplus   |       | x21D2        | arrowdblright  |  |  |
| x2200 universal partialdiff x2203 existential x2207 gradient element element x2208 emptyset notelement x220B suchthat product x2211 summation minus asteriskmath radical proportional infinity x221A radical proportional infinity x2220 angle x2227 logicaland x221E infinity x2220 angle x2227 logicalor intersection x222B intersection x222A union x222B intersection x222A similar congruent x2245 congruent x2245 congruent x2245 reflexsuperset x2281 propersuperset x2282 propersuperset x2284 notsubset reflexsuperset reflexsuperset reflexsuperset circleplus   | ?     | x21D3        | arrowdbldown   |  |  |
| x2202 partialdiff x2203 existential x2207 gradient x2208 element element x2209 notelement x220B suchthat x220F product x2211 summation x2212 minus x2212 minus x2214 radical x221D proportional x221E infinity x2220 angle x2227 logicaland x2228 logicalor x2229 intersection x2228 union x2228 integral x2234 therefore x2234 therefore x2234 therefore x2236 similar x2245 congruent x2245 congruent x2246 equivalence x2261 equivalence x2261 greaterequal x2262 greaterequal x2263 propersubset x2284 notsubset x2286 reflexsuberset x2287 reflexsuperset   |       | x21D4        | arrowdblboth   |  |  |
| x2203 existential gradient x2208 element element x2208 emptyset notelement x220B suchthat product x2211 summation minus asteriskmath x221A radical proportional infinity x2220 angle x2227 logicaland x221E infinity x2220 angle x2227 logicalor intersection x222A union x222B integral x2234 therefore x2234 therefore x2234 therefore x2234 congruent x2245 congruent x2248 approxequal x2260 notequal x2261 equivalence x2261 equivalence x2261 greaterequal x2262 propersubset x2282 propersubset x2283 propersuperset x2284 notsubset reflexsuberset x2287 reflexsuperset circleplus   |       | <b>x2200</b> | universal      |  |  |
| x2207 gradient element element x2208 emptyset notelement x220B suchthat product x2211 summation x2212 minus x2217 asteriskmath x221A radical x221D proportional x221E infinity x2220 angle x2227 logicaland x2228 logicalor x2229 intersection x2228 union x2228 integral x2234 therefore x2234 therefore x2234 therefore x2234 congruent x2245 congruent x2245 congruent x2248 approxequal x2260 notequal x2261 equivalence x2261 greaterequal x2262 greaterequal x2263 propersubset x2282 propersubset x2284 notsubset x2286 reflexsuberset x2287 reflexsuperset   |       | x2202        | partialdiff    |  |  |
| element emptyset emptyset notelement suchthat product summation minus sasteriskmath suchthat radical proportional suchthat radical proportional suchthat radical proportional such infinity such angle such asteriskmath radical proportional infinity such angle such asteriskmath radical proportional infinity such angle such asteriskmath radical proportional integrial such angle such angle such asteriskmath radical proportional integrial such angle such asterisk math radical proportional integrial such asterisk math radical proportional integrial such asterisk math radical proportional integrial such asterisk math radical proportional infinity such asterisk math radical proportional integrial such asterisk math radical proportional integrial such that radical proportional such that radical proportional integrial such that radical proportional such that radical proporti |       | x2203        | existential    |  |  |
| ? x2205 emptyset ? x2209 notelement x220B suchthat ? x220F product x2211 summation ? x2212 minus ? x2217 asteriskmath x221A radical proportional x221E infinity x2220 angle x2227 logicaland x2228 logicalor x2229 intersection x222A union x222B integral x2234 therefore ? x223C similar ? x2245 congruent ? x2245 congruent ? x2248 approxequal x2260 notequal x2261 equivalence ? x2264 lessequal ? x2265 greaterequal x2262 propersubset x2282 propersubset x2283 propersuperset ? x2284 notsubset x2286 reflexsubset x2287 reflexsuperset  |       | x2207        | gradient       |  |  |
| ? x2209 notelement suchthat ? x220F product x2211 summation ? x2212 minus ? x2217 asteriskmath radical proportional infinity x2210 angle logical and x2228 logical or intersection x2229 intersection x2228 integral x2234 therefore respectively approperate respectively approperate respectively approximate respectively respectively approximate respectively approximate respectively respectively.   |       | x2208        | element        |  |  |
| ? x2209 notelement suchthat ? x220F product x2211 summation ? x2212 minus ? x2217 asteriskmath radical proportional infinity x2210 angle logical and x2228 logical or intersection x2229 intersection x2228 integral x2234 therefore respectively approperate respectively approperate respectively approximate respectively respectively approximate respectively approximate respectively respectively.   | ?     | x2205        | emptyset       |  |  |
| x220B suchthat product x2211 summation minus x2212 minus asteriskmath radical proportional infinity x2210 angle x2227 logicaland x2228 logicalor x2229 intersection x2228 integral x2234 therefore x2234 therefore x2234 similar congruent x2248 approxequal x2245 congruent x2248 approxequal x2260 notequal x2261 equivalence x2261 greaterequal x2262 propersubset x2282 propersubset x2283 propersuperset x2284 notsubset reflexsubset reflexsuperset circleplus   | ?     | x2209        | notelement     |  |  |
| x2211 summation x2212 minus x2217 asteriskmath x221A radical x221D proportional x221E infinity x2220 angle x2227 logicaland x2228 logicalor x2229 intersection x222A union x222B integral x2234 therefore x2234 therefore x2234 congruent x2245 congruent x2245 quivalence x2246 lessequal x2261 equivalence x2261 greaterequal x2262 propersubset x2282 propersubset x2283 propersubset x2284 notsubset x2286 reflexsubset x2287 reflexsuperset x2295 circleplus  |       | x220B        | suchthat       |  |  |
| ? x2212 minus asteriskmath x221A radical x221D proportional x221E infinity x2220 angle x2227 logicaland x2228 logicalor x2229 intersection x222A union x222B integral x2234 therefore x223C similar x2245 congruent x2245 congruent x2246 approxequal x2260 notequal x2261 equivalence x2261 greaterequal x2262 greaterequal x2263 propersubset x2282 propersubset x2283 propersubset x2284 notsubset x2286 reflexsubset x2287 reflexsuperset ? x2295 circleplus   | ?     | x220F        | product        |  |  |
| ? x2217 asteriskmath x221A radical x221D proportional x221E infinity x2220 angle x2227 logicaland x2228 logicalor x2229 intersection x222A union x222B integral x2234 therefore x223C similar x2245 congruent x2245 congruent x2248 approxequal x2260 notequal x2261 equivalence x2261 greaterequal x2262 greaterequal x2263 propersubset x2282 propersubset x2283 propersubset x2284 notsubset x2286 reflexsubset x2287 reflexsuperset ? x2295 circleplus   |       | x2211        | summation      |  |  |
| x221A radical proportional infinity x221E infinity x2220 angle x2227 logicaland logicalor x2228 logicalor x2229 intersection x222A union integral x2234 therefore x223C similar congruent x2245 congruent x2248 approxequal x2260 notequal x2261 equivalence x2264 lessequal x2262 greaterequal x2262 propersubset x2282 propersubset x2283 propersuperset x2284 notsubset reflexsubset reflexsuperset x2287 reflexsuperset circleplus   | ?     | x2212        | minus          |  |  |
| x221A radical proportional infinity x221E infinity x2220 angle x2227 logicaland logicalor x2228 logicalor x2229 intersection x222A union integral x2234 therefore x223C similar congruent x2245 congruent x2248 approxequal x2260 notequal x2261 equivalence x2264 lessequal x2262 greaterequal x2262 propersubset x2282 propersubset x2283 propersuperset x2284 notsubset reflexsubset reflexsuperset x2287 reflexsuperset circleplus   | ?     | x2217        | asteriskmath   |  |  |
| x221E infinity x2220 angle x2227 logicaland x2228 logicalor x2229 intersection x222A union x222B integral x2234 therefore x223C similar x2245 congruent x2248 approxequal x2260 notequal x2261 equivalence x2261 greaterequal x2262 greaterequal x2263 propersubset x2282 propersubset x2284 notsubset x2286 reflexsubset x2287 reflexsuperset ? x2295 circleplus  |       | x221A        | radical        |  |  |
| x2220 angle x2227 logicaland x2228 logicalor x2229 intersection x222A union x222B integral x2234 therefore x223C similar x2245 congruent x2248 approxequal x2260 notequal x2261 equivalence x2264 lessequal x2265 greaterequal x2265 greaterequal x2282 propersubset x2283 propersubset x2284 notsubset x2286 reflexsubset x2287 reflexsuperset ? x2295 circleplus   |       | x221D        | proportional   |  |  |
| x2227 logicaland x2228 logicalor x2229 intersection x222A union x222B integral x2234 therefore x223C similar x2245 congruent x2248 approxequal x2260 notequal x2261 equivalence x2264 lessequal x2265 greaterequal x2282 propersubset x2282 propersubset x2283 propersuperset x2284 notsubset x2286 reflexsubset x2287 reflexsuperset  ? x2295 circleplus  |       | x221E        | infinity       |  |  |
| x2228 logicalor intersection x2229 union x222B integral x2234 therefore x223C similar congruent x2245 congruent x2248 approxequal x2260 notequal x2261 equivalence x2264 lessequal x2265 greaterequal x2282 propersubset x2282 propersubset x2283 propersubset x2284 notsubset x2286 reflexsubset x2287 reflexsuperset circleplus  |       | x2220        | angle          |  |  |
| x2229 intersection x222A union x222B integral x2234 therefore x223C similar x2245 congruent x2248 approxequal x2260 notequal x2261 equivalence x2264 lessequal x2265 greaterequal x2282 propersubset x2283 propersubset x2284 notsubset x2286 reflexsubset x2287 reflexsuperset ? x2295 circleplus   |       | x2227        | logicaland     |  |  |
| x222A  |       | x2228        | logicalor      |  |  |
| x222B       integral         x2234       therefore         ?       x223C       similar         ?       x2245       congruent         ?       x2248       approxequal         x2260       notequal       equivalence         ?       x2264       lessequal         ?       x2265       greaterequal         x2282       propersubset         x2283       propersuperset         ?       x2284       notsubset         x2286       reflexsubset         x2287       reflexsuperset         ?       x2295       circleplus  |       | x2229        | intersection   |  |  |
| x2234   therefore  |       | x222A        | union          |  |  |
| ?       x223C       similar         ?       x2245       congruent         ?       x2248       approxequal         x2260       notequal       equivalence         ?       x2264       lessequal         ?       x2265       greaterequal         x2282       propersubset         x2283       propersuperset         ?       x2284       notsubset         x2286       reflexsubset         x2287       reflexsuperset         ?       x2295       circleplus   |       | x222B        | integral       |  |  |
| ?       x2245       congruent         ?       x2248       approxequal         x2260       notequal         equivalence         ?       x2264       lessequal         ?       x2265       greaterequal         x2282       propersubset         x2283       propersuperset         ?       x2284       notsubset         x2286       reflexsubset         x2287       reflexsuperset         ?       x2295       circleplus   |       | x2234        | therefore      |  |  |
| x2260 notequal x2261 equivalence  x2264 lessequal x2265 greaterequal x2282 propersubset x2283 propersuperset x2284 notsubset x2286 reflexsubset x2287 reflexsuperset  x2295 circleplus   | ?     | x223C        | similar        |  |  |
| x2260 notequal x2261 equivalence  x2264 lessequal x2265 greaterequal x2282 propersubset x2283 propersuperset x2284 notsubset x2286 reflexsubset x2287 reflexsuperset  x2295 circleplus   | ?     | x2245        | congruent      |  |  |
| x2260 notequal x2261 equivalence  x2264 lessequal x2265 greaterequal x2282 propersubset x2283 propersuperset x2284 notsubset x2286 reflexsubset x2287 reflexsuperset  x2295 circleplus   | ?     | x2248        | •              |  |  |
| x2261 equivalence  x2264 lessequal  x2265 greaterequal x2282 propersubset x2283 propersuperset x2284 notsubset x2286 reflexsubset x2287 reflexsuperset  x2295 circleplus   |       | x2260        |                |  |  |
| <ul> <li>? x2264 lessequal</li> <li>? x2265 greaterequal</li> <li>x2282 propersubset</li> <li>x2283 propersuperset</li> <li>? x2284 notsubset</li> <li>x2286 reflexsubset</li> <li>x2287 reflexsuperset</li> <li>? x2295 circleplus</li> </ul>   |       | x2261        | =              |  |  |
| ? x2265 greaterequal x2282 propersubset x2283 propersuperset ? x2284 notsubset x2286 reflexsubset x2287 reflexsuperset ? x2295 circleplus  | ?     | x2264        | -              |  |  |
| x2282 propersubset x2283 propersuperset propersuperset x2284 notsubset x2286 reflexsubset x2287 reflexsuperset x2295 circleplus  |       | x2265        | -              |  |  |
| <ul> <li>x2283 propersuperset</li> <li>x2284 notsubset</li> <li>x2286 reflexsubset</li> <li>x2287 reflexsuperset</li> <li>x2295 circleplus</li> </ul>  |       | x2282        |                |  |  |
| ? x2284 notsubset x2286 reflexsubset x2287 reflexsuperset ? x2295 circleplus   |       | x2283        |                |  |  |
| x2286 reflexsubset x2287 reflexsuperset reflexsuperset circleplus  | ?     | x2284        |                |  |  |
| x2287 reflexsuperset ? x2295 circleplus  |       | -            |                |  |  |
| ? x2295 circleplus   |       |              |                |  |  |
|  | ?     |              | -              |  |  |
| . Land I Chelemandly   | ?     | x2297        | circlemultiply |  |  |

| Glyph            | Unicode       | Adobe Name     |  |  |
|------------------|---------------|----------------|--|--|
|                  | x22A5         | perpendicular  |  |  |
| ?                | x22C5         | dotmath        |  |  |
| ?                | <b>x</b> 2320 | integraltp     |  |  |
| ?                | x2321         | integralbt     |  |  |
|                  | x2329         | angleleft      |  |  |
| ?                | x232A         | angleright     |  |  |
| ?                | x25CA         | lozenge        |  |  |
| ?                | <b>x</b> 2660 | spade          |  |  |
| ? ?              | <b>x</b> 2663 | club           |  |  |
| ?                | <b>x</b> 2665 | heart          |  |  |
|                  | <b>x</b> 2666 | diamond        |  |  |
| ?                | xF6DA         | registerserif  |  |  |
| ?                | xF6DB         | trademarkserif |  |  |
| ?<br>?<br>?<br>? | xF8E5         | radicalex      |  |  |
| ?                | xF8E6         | arrowvertex    |  |  |
| ?                | xF8E7         | arrowhorizex   |  |  |
| ?                | xF8E8         | registersans   |  |  |
| ?                | xF8EA         | trademarksans  |  |  |
| ?                | xF8EB         | parenlefttp    |  |  |
| ?                | xF8EC         | parenleftex    |  |  |
| ?                | xF8ED         | parenleftbt    |  |  |
| ? ? ? ?          | xF8F5         | integralex     |  |  |
| ?                | xF8F6         | parenrighttp   |  |  |
| ?                | xF8F7         | parenrightex   |  |  |
| ?                | xF8F8         | parenrightbt   |  |  |

Font family: Zapf Dingbats

| Glyph | Unicode       | Adobe Name |
|-------|---------------|------------|
| ?     | x2701         | a1         |
| ?     | x2702         | a2         |
| ?     | <b>x</b> 2703 | a202       |
| ?     | x2704         | a3         |
| ?     | x260E         | a4         |
| ?     | <b>x</b> 2706 | a5         |
| ?     | <b>x</b> 2707 | a119       |
| ?     | <b>x</b> 2708 | a118       |
| ?     | x2709         | a117       |
| ?     | x261B         | a11        |
| ?     | x261E         | a12        |
| ?     | x270C         | a13        |
| ?     | x270D         | a14        |
| ?     | x270E         | a15        |
| ?     | x270F         | a16        |
| ?     | x2710         | a105       |
| ?     | x2711         | a17        |
| ?     | x2712         | a18        |
| ?     | x2713         | a19        |
| ?     | x2714         | a20        |
| ?     | x2715         | a21        |
| ?     | <b>x2716</b>  | a22        |

| Glyph | Unicode        | Adobe Name | Glyph    | Unicode        | Adobe Name   | Gly         | ph Unico | ode Adobe Name |
|-------|----------------|------------|----------|----------------|--------------|-------------|----------|----------------|
| ?     | x2717          | a23        | ?        | x2749          | a68          | ?           | x27      | 7D a137        |
| ?     | x2718          | a24        | ?        | x274A          | a69          | ?           | x27      | 7E a138        |
| ?     | x2719          | a25        | ?        | x274B          | a70          | ?           | x27      | <b>7F</b> a139 |
| ?     | x271A          | a26        |          | x25CF          | a71          | ?           | x27      | a140           |
| ?     | x271B          | a27        | ?        | x274D          | a72          | ?           | x278     |                |
| ?     | x271C          | a28        |          | x25A0          | a73          | ?           | x278     |                |
| ?     | x271D          | аб         | ?        | x274F          | a74          | ?           | x278     |                |
| ?     | x271E          | a7         | ?        | x2750          | a203         | ?           | x278     |                |
| ?     | x271F          | a8         | ?        | x2751          | a75          | ?           | x278     |                |
| ?     | x2720          | a9         | ?        | x2752          | a204         | ?           | x278     |                |
| ?     | x2721          | a10        |          | x25B2          | a76          | ?           | x278     |                |
| ?     | x2722          | a29        |          | x25BC          | a77          | ?           | x278     |                |
| ?     | x2723          | a30        |          | x25C6          | a78          | ?           | x278     |                |
| ?     | x2724          | a31        | ?        | x2756          | a79          | ?           | x278     |                |
| ?     | x2725          | a32        | ?        | x25D7          | a81          | ?           | x278     |                |
| ?     | x2726          | a33        | ?        | x2758          | a82          | ?           | x27      |                |
| ?     | x2727          | a34        | ?        | x2759          | a83          | ?           | x27      |                |
| '     | x2605          | a35        | ?        | x275A          | a84          | ?           | x27      |                |
| ?     | x2729          | a36        | ?        | x275B          | a97          | ?           | x27      |                |
| ?     | x272A          | a37        | ?        | x275C          | a98          | ?           | x27      |                |
| ?     | x272B          | a38        | ?        | x275D          | a99          | ?           | x27      |                |
| ?     | x272C          | a39        | ?        | x275E          | a100         | ?           | x27      |                |
| ?     | x272D          | a40        | ?        | x2761          | a101         | ?           | x27      |                |
| ?     | x272E          | a41        | ?        | x2762          | a102         | ?           | x27      | 1              |
| ?     | x272F          | a42        | ?        | x2763          | a102         | '           | x21      |                |
| ?     | x2721          | a42<br>a43 | ?        | x2764          | a104         | ?           | x21      |                |
| ?     | x2731          | a44        | ?        | x2765          | a106         | ;           | x21      |                |
| ?     | x2731          | a44<br>a45 | ?        | x2766          | a107         | ;           | x27      |                |
| ?     | x2732          | a46        | ?        | x2767          | a107         | ;           | x27      |                |
| ?     | x2734          | a47        | 7        | x2663          | a108         | ;           | x27      |                |
| ?     | x2735          | a48        | ?        | x2666          | a112         | ?           | x27      |                |
| ?     | x2736          | a49        | ?        | x2665          | a110         | ?           | x27      |                |
| ?     | x2737          | a50        | ?        | x2660          | a109         | ?           | x27      |                |
| ?     | x2738          | a51        | '        | x2460          | a120         | ?           | x27      |                |
| ?     | x2739          | a52        |          | x2461          | a120         | :           | x27      |                |
| ?     | x273A          | a52<br>a53 |          | x2461<br>x2462 | a121<br>a122 | ;           | x27      |                |
| ?     | x273B          | a54        |          | x2463          | a122         | ;           | x27      |                |
| ?     | x273C          | a55        |          | x2463          | a123         | ;           | x27      |                |
| ?     | x273D          | a56        |          | x2465          | a124<br>a125 | :           | x27      |                |
| ?     | x273E          | a57        |          | x2466          | a125         | ;           | x27      |                |
| ?     | x273E          | a57        |          | x2467          | a120         | ;           | x27      |                |
| ?     | x2740          | a59        |          | x2468          | a127         | ;           | x27      |                |
| ?     | x2740<br>x2741 | a60        |          | x2469          | a128<br>a129 | ;           | x27      |                |
| ?     | x2741          | a61        | ?        | x2776          | a129         | ;           | x27      |                |
| ?     | x2742          | a62        | ?        | x2777          | a130         | :           | x27      |                |
| ?     | x2743          | a63        | ?        | x2777          | a131         | ;           | x27      |                |
| ?     | x2744<br>x2745 | a64        | ?        | x2778          | a132<br>a133 | ;           | x272     |                |
| ?     | x2745          | a65        | ?        | x277A          | a133         | ;           | x27      |                |
| ?     | x2746<br>x2747 | a65<br>a66 | ?        | x277B          | a134<br>a135 | !           | x272     |                |
| ?     | x2747          | a67        | ?        | x277C          | a133         | ;           | x272     |                |
|       | A2/40          | au /       | <u> </u> | A2//C          | a130         | J <u>L </u> | A4/1     | a200           |

| Glyph | Unicode       | Adobe Name |
|-------|---------------|------------|
| ?     | x27AF         | a182       |
| ?     | x27B1         | a201       |
| ?     | x27B2         | a183       |
| ?     | <b>x27B3</b>  | a184       |
| ?     | x27B4         | a197       |
| ?     | <b>x</b> 27B5 | a185       |
| ? ?   | <b>x</b> 27B6 | a194       |
|       | <b>x</b> 27B7 | a198       |
| ?     | <b>x</b> 27B8 | a186       |
| ?     | x27B9         | a195       |
| ?     | x27BA         | a187       |
| ?     | <b>x</b> 27BB | a188       |
| ?     | x27BC         | a189       |
| ?     | x27BD         | a190       |
| ?     | x27BE         | a191       |
| ?     | xF8D7         | a89        |
| ?     | xF8D8         | a90        |
| ?     | xF8D9         | a93        |
| ?     | xF8DA         | a94        |
| ?     | xF8DB         | a91        |
| ?     | xF8DC         | a92        |
|       | xF8DD         | a205       |
| ?     | xF8DE         | a85        |
| ?     | xF8DF         | a206       |
| ?     | xF8E0         | a86        |
| ?     | xF8E1         | a87        |
| ?     | xF8E2         | a88        |
| ? ? ? | xF8E3         | a95        |
| ?     | xF8E4         | a96        |