

Interleaved 2 of 5 Bar Code QwikTip™ (PostScript / TrueType – full version)

Interleaved 2 of 5 bar code is a high-density, self-checking, continuous numeric symbology. A complete Interleaved 2 of 5 symbol consist of the following:

Start character | Data Characters | Stop Character

Interleaved 2 of 5 is used to print condensed symbols of paired sets of data. The entire string must contain an even number of digits. If an odd number of digits is present, a leading zero must be added to the beginning of the string.

Example:

Input string is: "038296726"

(Note: there are 9 characters, so add a zero).

New Input string: "0038296726"

Paired Data: "00" "38" "29" "67" "26"

Match the paired data characters to the correlating Hex or Decimal position on the Character Chart below. The final encoded string will look like this:

| | | | | | | | |
|-------------------------|--------------|----|----|----|-----|----|-------------|
| Paired Data | Start | 00 | 38 | 29 | 67 | 26 | Stop |
| Decimal position | 167 | 33 | 71 | 62 | 100 | 59 | 168 |

Interleaved 2 of 5 Character Table

| Paired Data | Decimal Position | Paired Data | Decimal Position | Paired Data | Decimal Position |
|-------------|------------------|-------------|------------------|-------------|------------------|
| 00 | 33 | 34 | 67 | 68 | 101 |
| 01 | 188 | 35 | 68 | 69 | 102 |
| 02 | 35 | 36 | 69 | 70 | 103 |
| 03 | 36 | 37 | 70 | 71 | 104 |
| 04 | 37 | 38 | 71 | 72 | 105 |
| 05 | 38 | 39 | 72 | 73 | 106 |
| 06 | 189 | 40 | 73 | 74 | 107 |
| 07 | 40 | 41 | 74 | 75 | 108 |
| 08 | 41 | 42 | 75 | 76 | 109 |
| 09 | 42 | 43 | 76 | 77 | 110 |
| 10 | 43 | 44 | 77 | 78 | 111 |
| 11 | 44 | 45 | 78 | 79 | 112 |
| 12 | 45 | 46 | 79 | 80 | 113 |
| 13 | 46 | 47 | 80 | 81 | 114 |
| 14 | 47 | 48 | 81 | 82 | 115 |
| 15 | 48 | 49 | 82 | 83 | 116 |
| 16 | 49 | 50 | 83 | 84 | 117 |
| 17 | 50 | 51 | 84 | 85 | 118 |
| 18 | 51 | 52 | 85 | 86 | 119 |
| 19 | 52 | 53 | 86 | 87 | 120 |
| 20 | 53 | 54 | 87 | 88 | 121 |
| 21 | 54 | 55 | 88 | 89 | 122 |

| | | | | | | | |
|----|----|--|----|-----|--|--------------|------|
| 22 | 55 | | 56 | 89 | | 90 | 123 |
| 23 | 56 | | 57 | 90 | | 91 | 124 |
| 24 | 57 | | 58 | 91 | | 92 | 125 |
| 25 | 58 | | 59 | 92 | | 93 | 126 |
| 26 | 59 | | 60 | 93 | | 94 | 161 |
| 27 | 60 | | 61 | 94 | | 95 | 162 |
| 28 | 61 | | 62 | 95 | | 96 | 163 |
| 29 | 62 | | 63 | 96 | | 97 | 164 |
| 30 | 63 | | 64 | 97 | | 98 | 165 |
| 31 | 64 | | 65 | 98 | | 99 | 166 |
| 32 | 65 | | 66 | 99 | | START | 0167 |
| 33 | 66 | | 67 | 100 | | STOP | 0168 |

If you are not successful at encoding the Interleaved 2 of 5 bar code yourself, we offer billable assistance. An Architext Technical Support Agreement was provided to you. If you require our help, simply sign the agreement and fax it back to us.