... LABEL FILL

PURPOSE
Specifies the fill of the labels to appear on subsequent plots.

DESCRIPTION
The labels are the text which appear below the bottom horizontal frame line and outside of the vertical frame lines. They typically define the variables/axes which are being plotted. Labels can contain the special symbols available to the TEXT (see the Text Attributes chapter for a list of available symbols) command and the special plotting symbols used by the CHARACTER (see the Graphics Attributes chapter for a list of avaialble symbols) command. These special symbols are identified with a trailing () symbol. Entering one of these special strings in the LABEL command causes the symbol to be plotted in the label. The following special symbols will also be solid filled if the label fill is on:

     CIRC(), SQUA(), TRIA(), REVT(), PYRA(), DIAM()

for a circle, square, triangle, reverse triangle, pyramid, and diamond respectively. The label fills hold for all subsequent plots until defaulted (via the ...LABEL FILL command with no arguments) or until overridden with new label fills. The analyst can define fills for all 5 plot labels:

1. 3 below the bottom horizontal frame;

2. 1 to the left of the left vertical frame;

3. 1 to the right of the right vertical frame line.

SYNTAX
<prefix>LABEL FILL <SOLID/OFF>

where <prefix> is one of the following:

X or X1	refers to the first horizontal label;
X2	refers to the second horizontal label;
X3	refers to the third horizontal label;
Y1	refers to the left vertical label;
Y2	refers to the right vertical label;
Y	refers to the left and right vertical labels;
no prefix	refers to all 5 axis labels;

and   SOLID specifies that the special symbols are solid filled while OFF specifies that they are not.

EXAMPLES
LABEL FILL SOLID
XLABEL FILL SOLID
LABEL FILL OFF

NOTE 1
A software font must be in effect for the special symbols to be drawn (and therefore for the label fill to be in effect).

NOTE 2
A ...LABEL FILL command with no arguments reverts the fill to default. Thus X1LABEL FILL with no arguments reverts the first horizontal axis label to default. A ...LABEL FILL command with no prefix refers to all 5 labels. Thus LABEL FILL SOLID turns on the fill for all 5 labels. LABEL FILL with no prefix and no arguments reverts all 5 labels to default.

DEFAULT
All label fills are off.

SYNONYMS
None

RELATED COMMANDS

PLOT	=	Generates a data or function plot.
LABEL	=	Specifies the labels for the plot axes.
LABEL AUTOMATIC	=	Sets automatically generated labels.
LABEL CASE	=	Sets the case (upper/lower/asis) for labels.

LABEL COLOR	=	Sets the color for plot labels.
LABEL FONT	=	Sets the plot label fonts.
LABEL SIZE	=	Sets the size (height) for plot labels.
LABEL THICKNESS	=	Sets the line thickness for plot labels.
FILL	=	Sets the fill for text characters.
LEGEND FILL	=	Sets the fill for plot legends.

APPLICATIONS
Presentation Graphics

IMPLEMENTATION DATE
89/2

PROGRAM
```
LET LEAD = DATA ...
    164 426 59 98 312 263 607 497 213 54 160 262 547 325 419 94 70
LET POT = DATA ...
    106 175 61 79 94 121 424 328 107 218 140 179 246 231 245 339 99
.
CHARACTER CIRCLE SQUARE; CHARACTER FILL ON ALL
LINE BLANK ALL
X1LABEL CIRC() - POTASSIUM
X2LABEL SQUA() - LEAD
TITLE DEMONSTRATE LABEL FILL COMMAND
TITLE SIZE 5
LABEL FONT DUPLEX
LABEL SIZE 1.5
LABEL FILL SOLID
LET X = SEQUENCE 1 1 17
PLOT POT LEAD VS X
```