## Average Hide Sizes

Since leather is a natural material and each hide is unique, these dimensions represent average hide sizes and shapes. If specific cut


COWHIDE
Average Size: 50-55 sq.ft.


SUEDE SPLIT
Average size: $15-18$ sq.ft.


CALF SKIN
Average size: 25-30 sq.ft.


HALF HIDE
Embossed \& hair-on-hide Average size: 25 sq.ft.

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By industry standards, one linear yard of fabric is equal to 18 square feet of leather. To make the conversion, multiply the fabric requirement (in square feet) by 1.3333 to get the number of square feet of leather to purchase. If an installer provides fabric needs in linear yards, first convert the linear yards to square feet. Although there are $13.5 \mathrm{sq} . \mathrm{ft}$. in a standard linear yard of 54 " wide fabric, the additional 4.5 sq.ft. in the leather conversion formula accounts for the waste (since hides are irregularly shaped). When using this conversion calculation, it is unnecessary to add overages to account for waste.

When using hides smaller than 50 sq.ft., the installer or manufacturer should be consulted to determine whether more leather is required due to decreased yield from smaller hides and/or if seams will be necessary to cover the largest panels.

The following diagrams demonstrate why six (6) 24 " $\times 24$ " seat cushion covers require 24 sq.ft. fabric ( 6 cushions $\times 4$ sq.ft. each), yet requires one full leather hide that averages 50-55 sq.ft.

In FABRIC the six panels will require a minimum of 2 yards of material, or 27 sq.ft. total, depending on pattern repeat, as shown in Figure A. ( $2 \mathrm{yds} . \times 13.5$ sq.ft./yd $=27$ sq.ft.)

Figure A


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In LEATHER the six panels will typically require the cutting plan illustrated in Figure B, and will use a full 50 sq.ft. hide to achieve the 24 net sq.ft. for 6 chair covers. In practice, efficient leathercutting operations maximize yield by cutting various smaller panels, i.e. piping, arms, cushion sides, etc., from the blank spaces shown in Figure B.

Figure $B$

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## Examples

Offered for general guidelines only.


Bench, 60" - 36 sq.ft.


Ottoman, 36 " $\times 36$ " -90 sq.ft.


Arm chair - 36 sq.ft.


Bergere - 54 sq.ft.


Lounge chair - 144 sq.ft.


Lounge chair - 162 sq.ft.



Sofa 72" - 270 sq.ft.


Cushioned sofa, 72" - 324 sq.ft.

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Loveseat - 216 sq.ft.


Tufted Ioveseat - 234 sq.ft.

