

**AMERICAN NATIONAL
STANDARD**

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EIA RS-505

EIA STANDARD

PACKING FOR RETURN
CRT GLASS COMPONENT
PACKAGING MATERIAL

RS-505

OCTOBER 1983



Engineering Department

ELECTRONIC INDUSTRIES ASSOCIATION

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PACKING FOR RETURN CRT GLASS COMPONENT PACKAGING MATERIAL

(From EIA Standards Proposal No. 1669, formulated under the cognizance of EIA JT-7 Committee on CRT Glass & Bulb Component Packages.)

FOREWORD

For some years, the glass companies and CRT makers have had a system in use of returning glass component packaging material for reuse. The glass companies charge for each piece of packing material and credit when the piece is returned. Many problems, concerning counts and credits, have arisen because of non-standard methods of packing, stacking and labeling.

1.0 SCOPE

The purpose of this Standard is to establish standards of packing, stacking and labeling for return of Glass Component Packing Material.

2.0 GENERAL

The packing material piece part number(s), how they are to be packed or stacked, quantities and labeling are shown on the attached drawings.

3.0 SPECIAL NOTES

3.1 Labeling of Loads

Each load should be clearly flagged as to the identity of the part and the quantity. The identity of the part should be in accordance with the manual (Example: 19" Plastic Insert or 13" Panel Separator). This is very important because the person loading the truck and making out the shipping papers is usually not the same person preparing the load.

3.2 Part Loads

Partial loads of packaging items will always show up at the end of a run. These loads must be level, securely banded and clearly identified by item and piece count.

3.3 Wood Corner Posts

The wood corner posts are the hardest item to monitor accurately. Unless each piece is counted, there will be fluctuation in the load counts. The load counts shown in the manual are averages accumulated from various tube manufacturers who did not count pieces.

3.4 Panel Separators

Each cell in a finished load of return paper contains all the separators from one load of glass (or a basic denominator). By maintaining this ratio, it should be easier for the packer at line load to maintain accurate load counts.

3.5 Banding

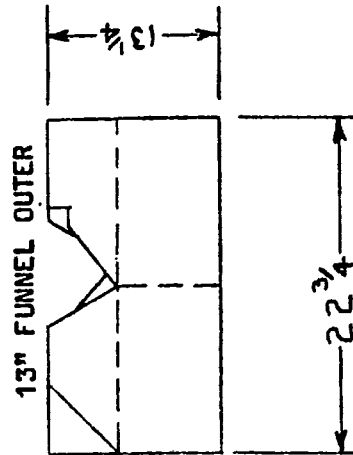
It is important that the people preparing the loads of return paper, band the loads snugly. The bands loosen up from compression when one load is stacked on top of another. If the bands are not tight, the load will fall apart in transit.

3.6 Trailer Loading

Whenever possible, the plastic inserts should be loaded on top of the loads of corrugated and pallets. This will ensure better load stability.

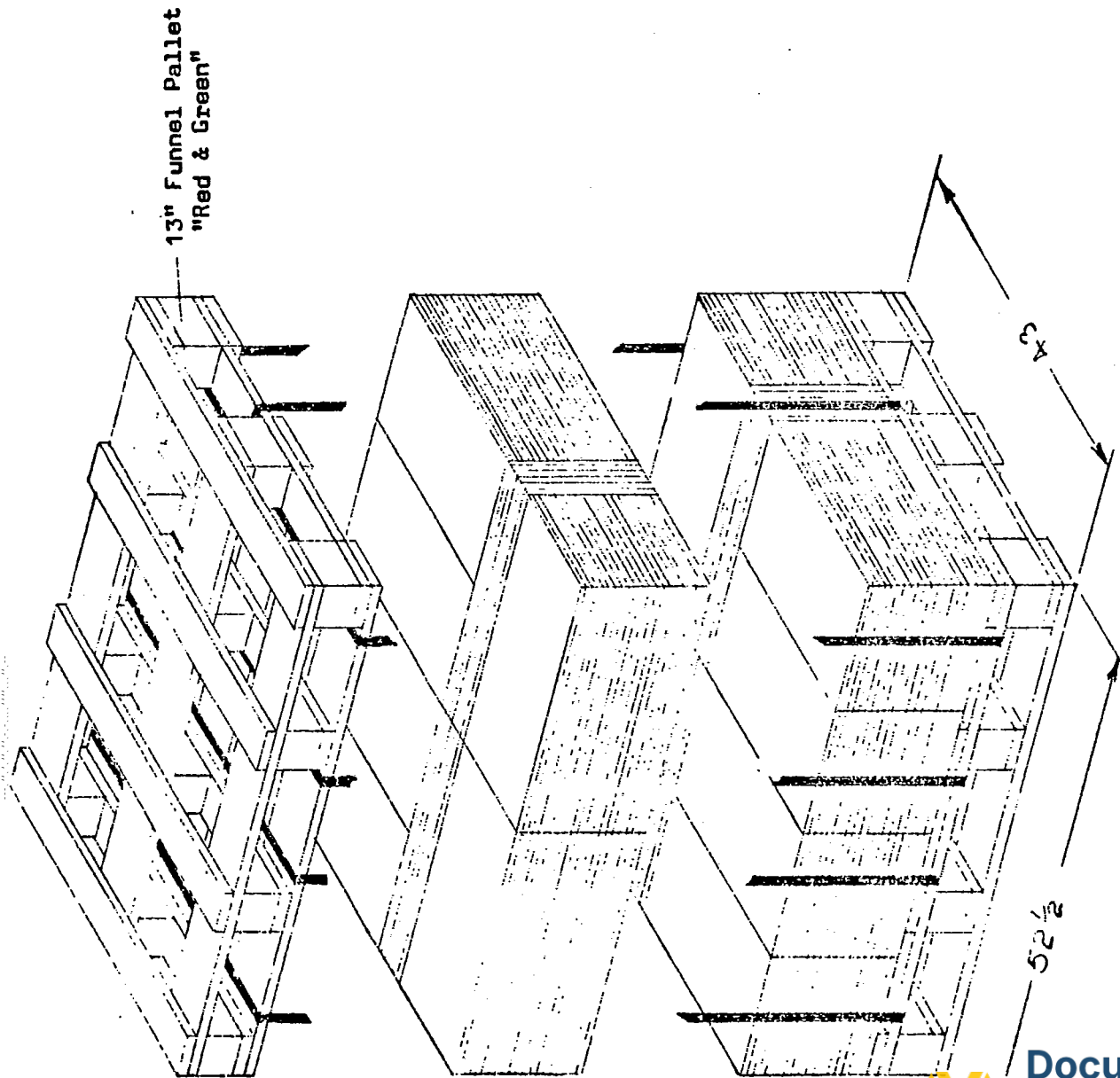
DO NOT MIX ITEMS ON THE SAME LOAD



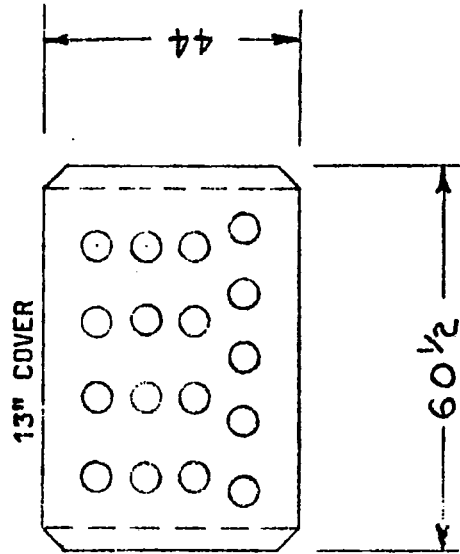


6 Stacks of 30 pieces plus 2 stacks
of 10 per layer
2 Layers per load
400 Outers per load

13" FUNNEL OUTERS
Corning Part #10-13V-F1.1
OI Part #146-40



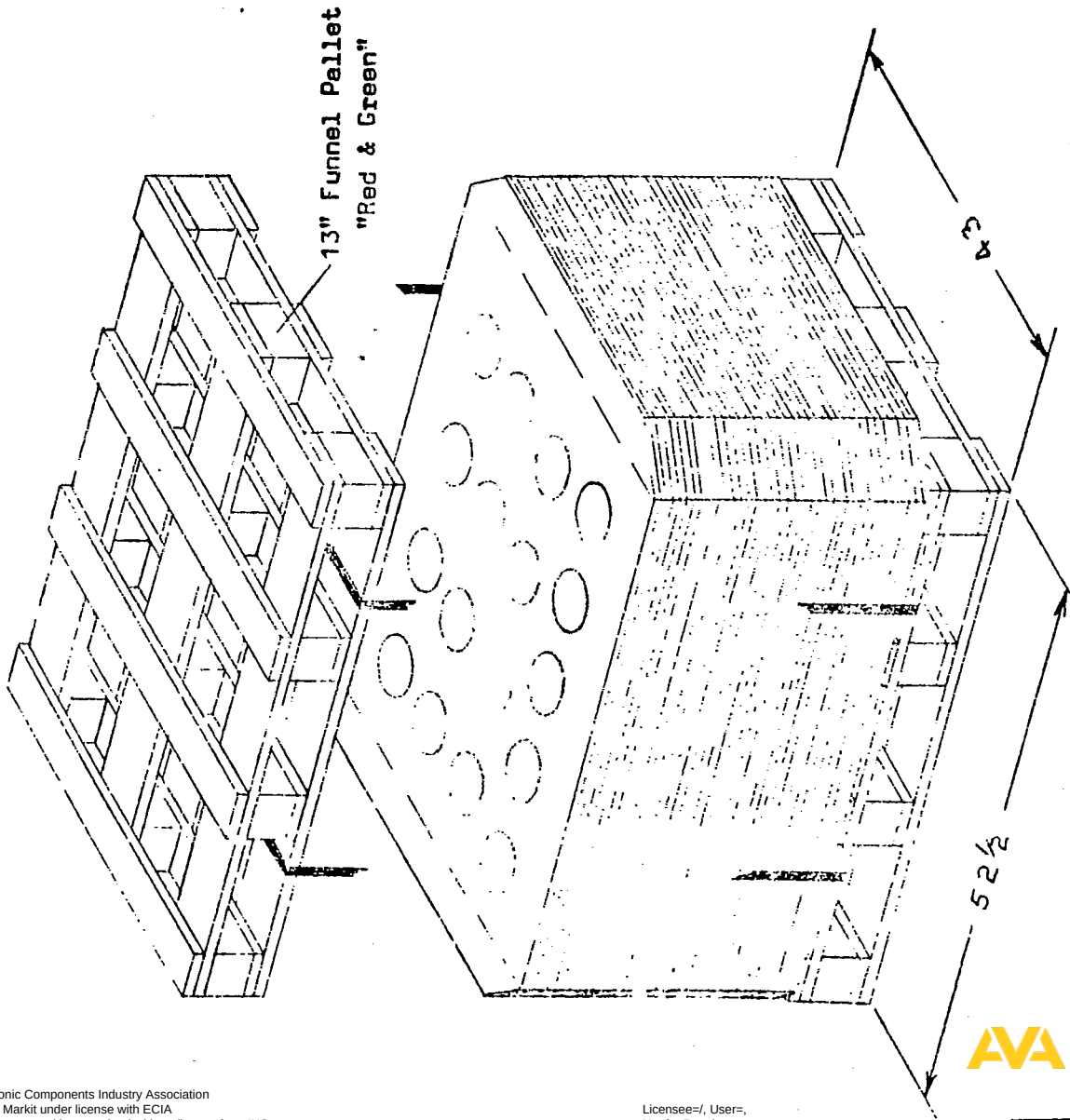
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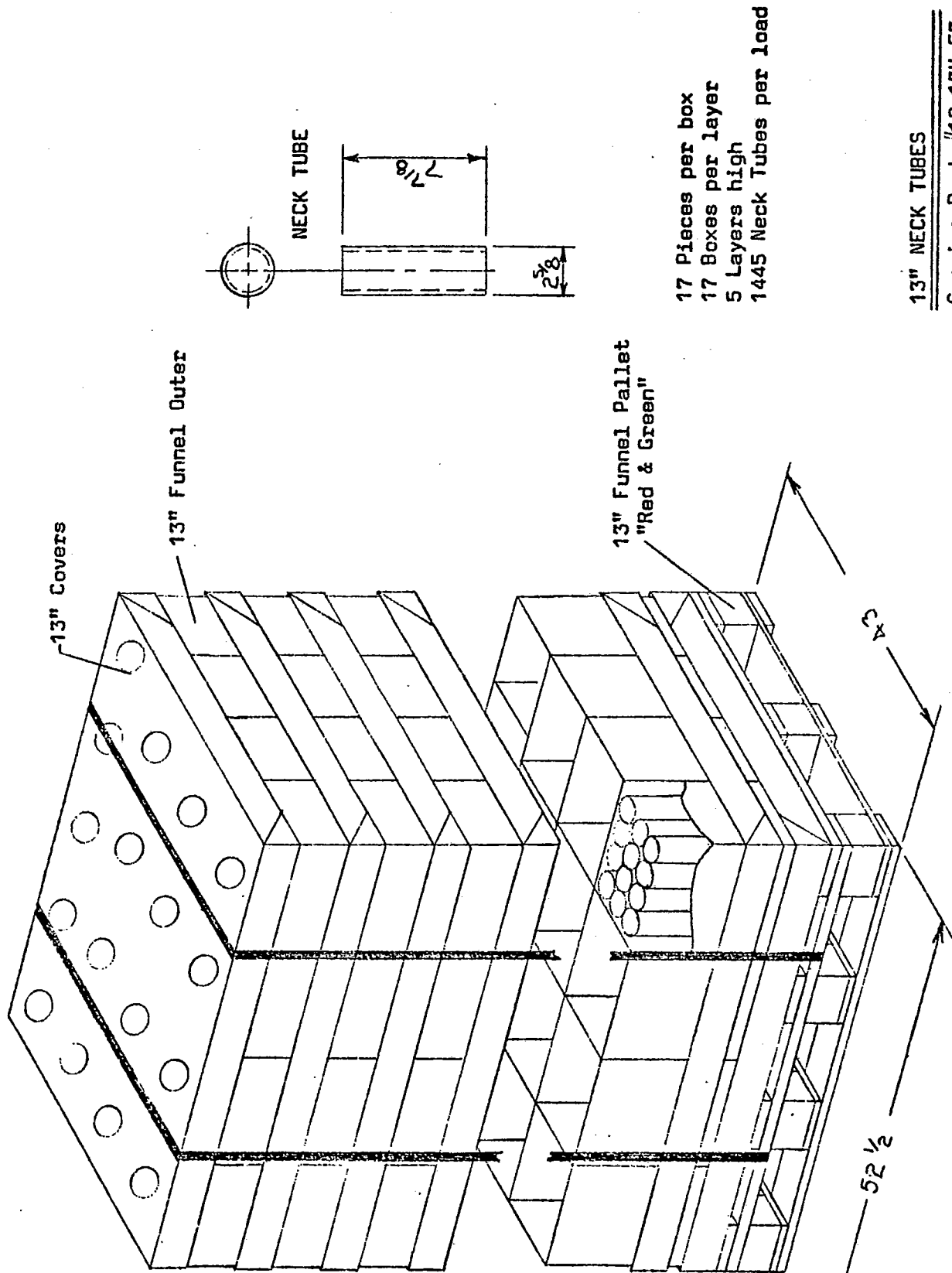
80 Covers per load
Banded Securely with 2 Bands

13" COVERS

Corning Part #10-13V-153-F2.2
OI Part #146-45

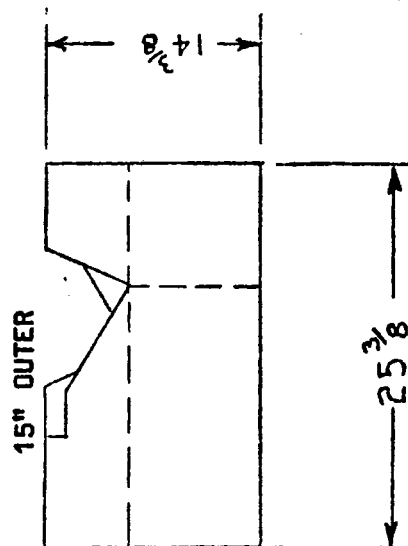


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17 Pieces per box
17 Boxes per layer
5 Layers high
1445 Neck Tubes per load

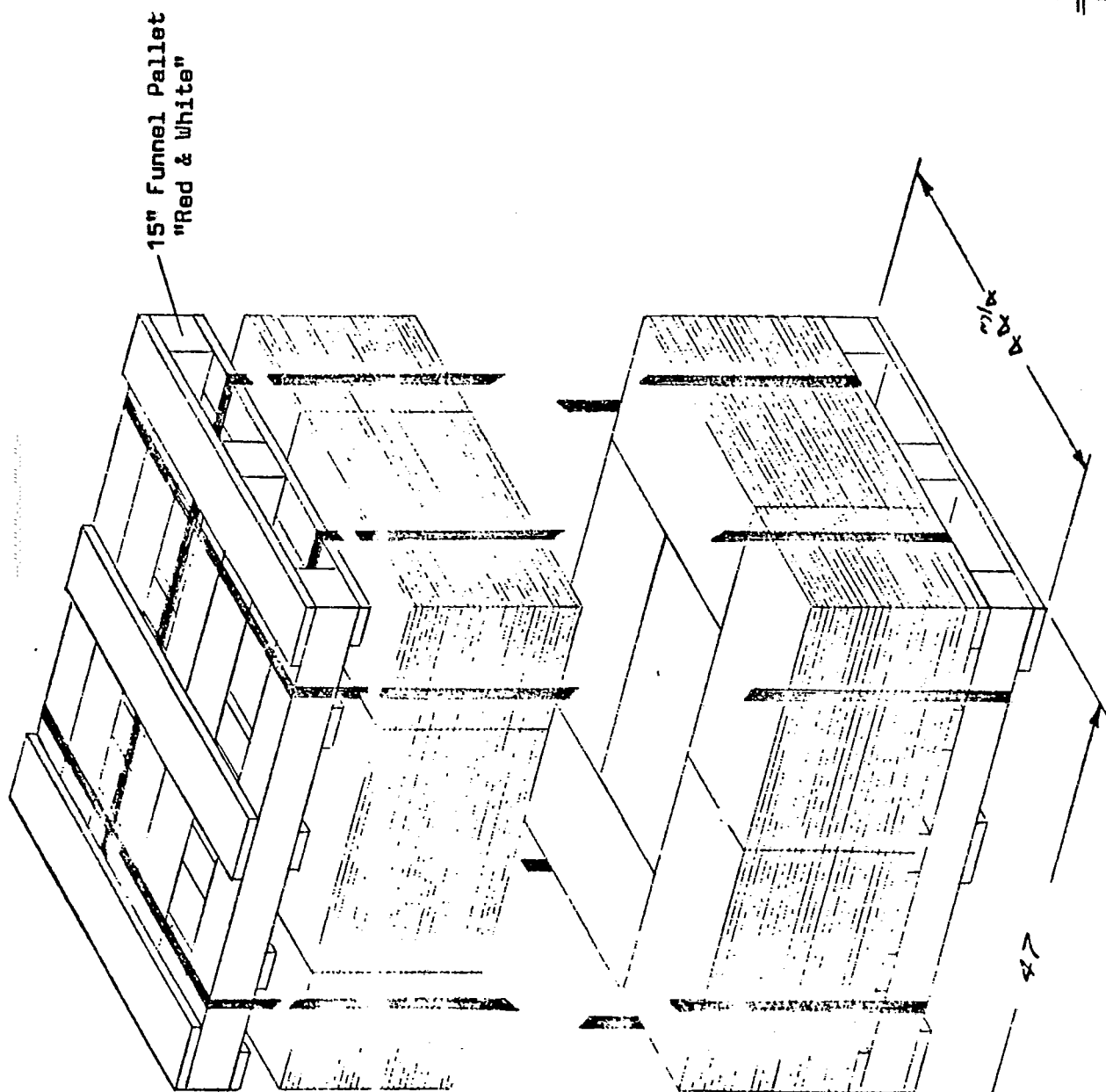
13" NECK TUBES
Corning Part #10-13V-F3
OI Part #105-04



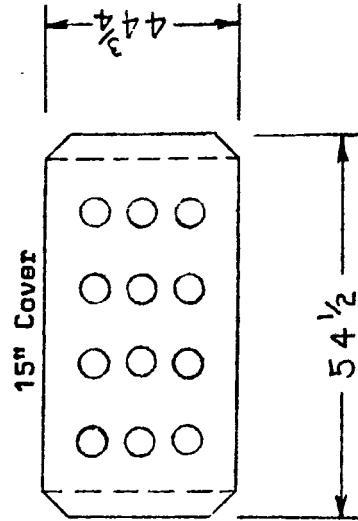
10 Outers per stack
6 stacks per layer
7 layers per pallet
(Alternate layers as shown)
420 Outers per load

15" FUNNEL OUTERS

Corning Part #10-15(V) CTV-F1
OI Part #153-45



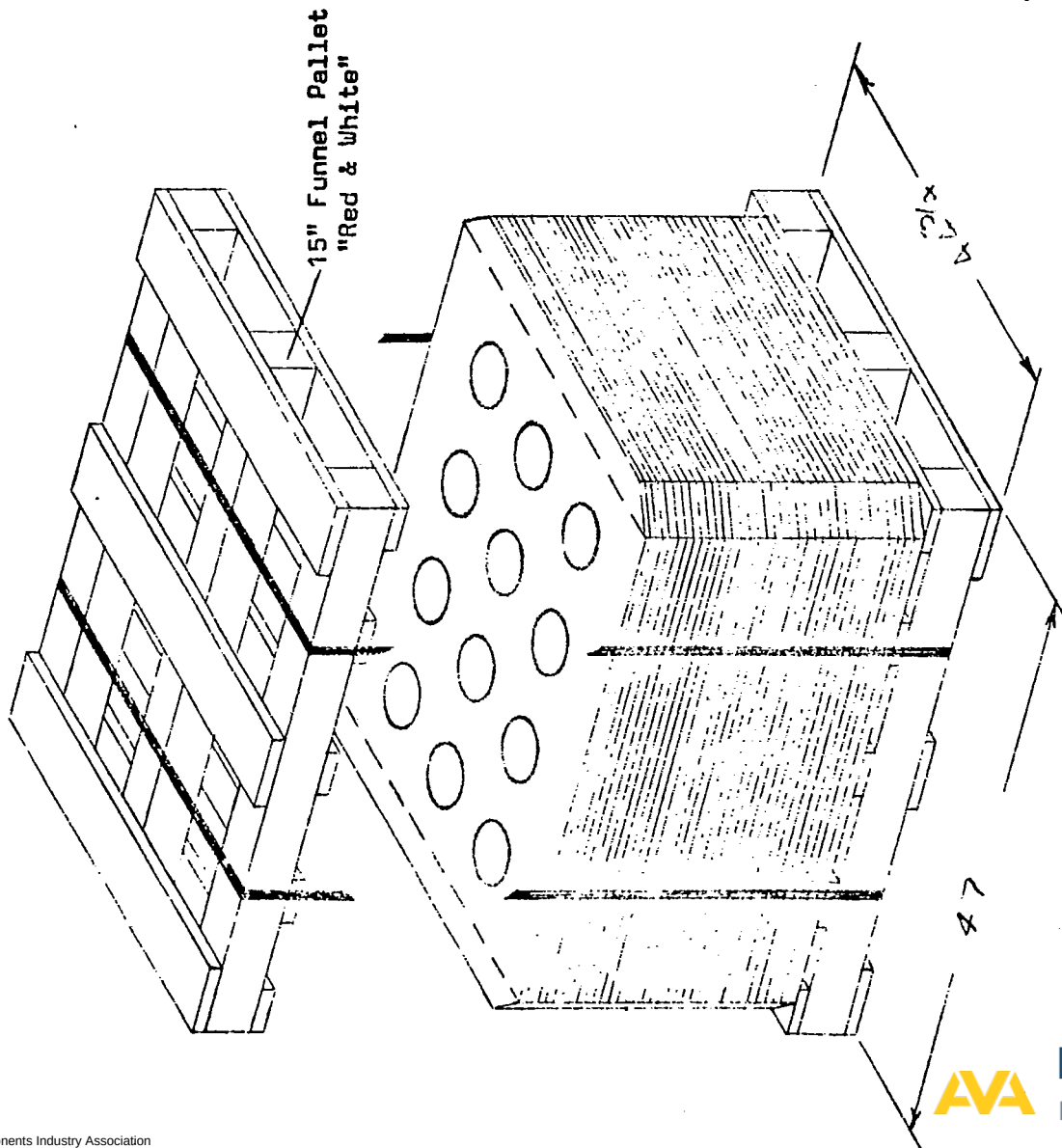
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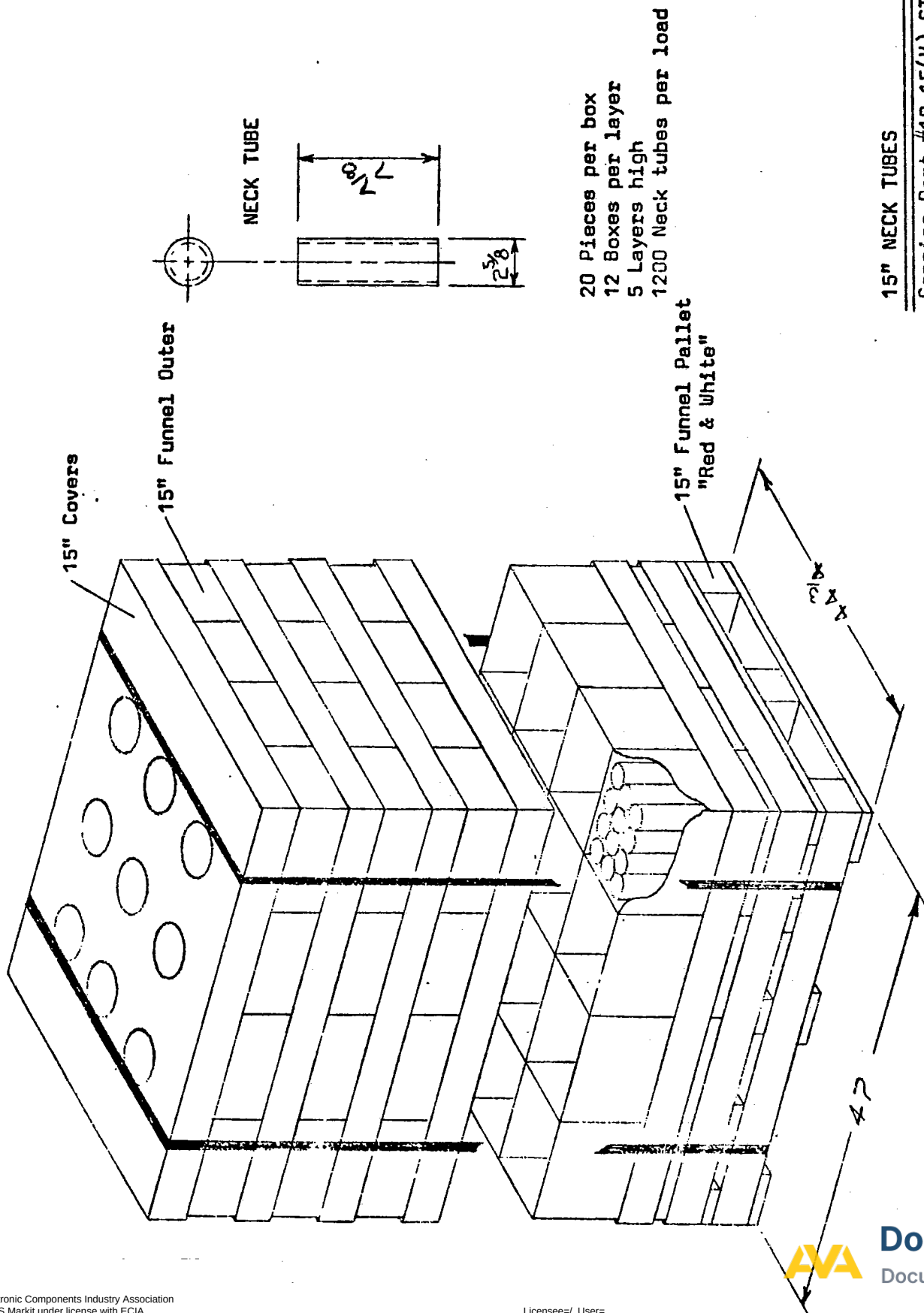
80 Covers per load
Band securely with two bands.

15" FUNNEL COVERS

Corning Part #10-15(V) CTV-F2
DI Part #153-45



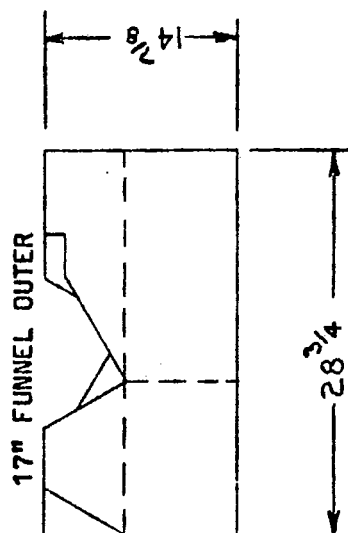
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20 Pieces per box
12 Boxes per layer
5 Layers high
1200 Neck tubes per load

15" NECK TUBES

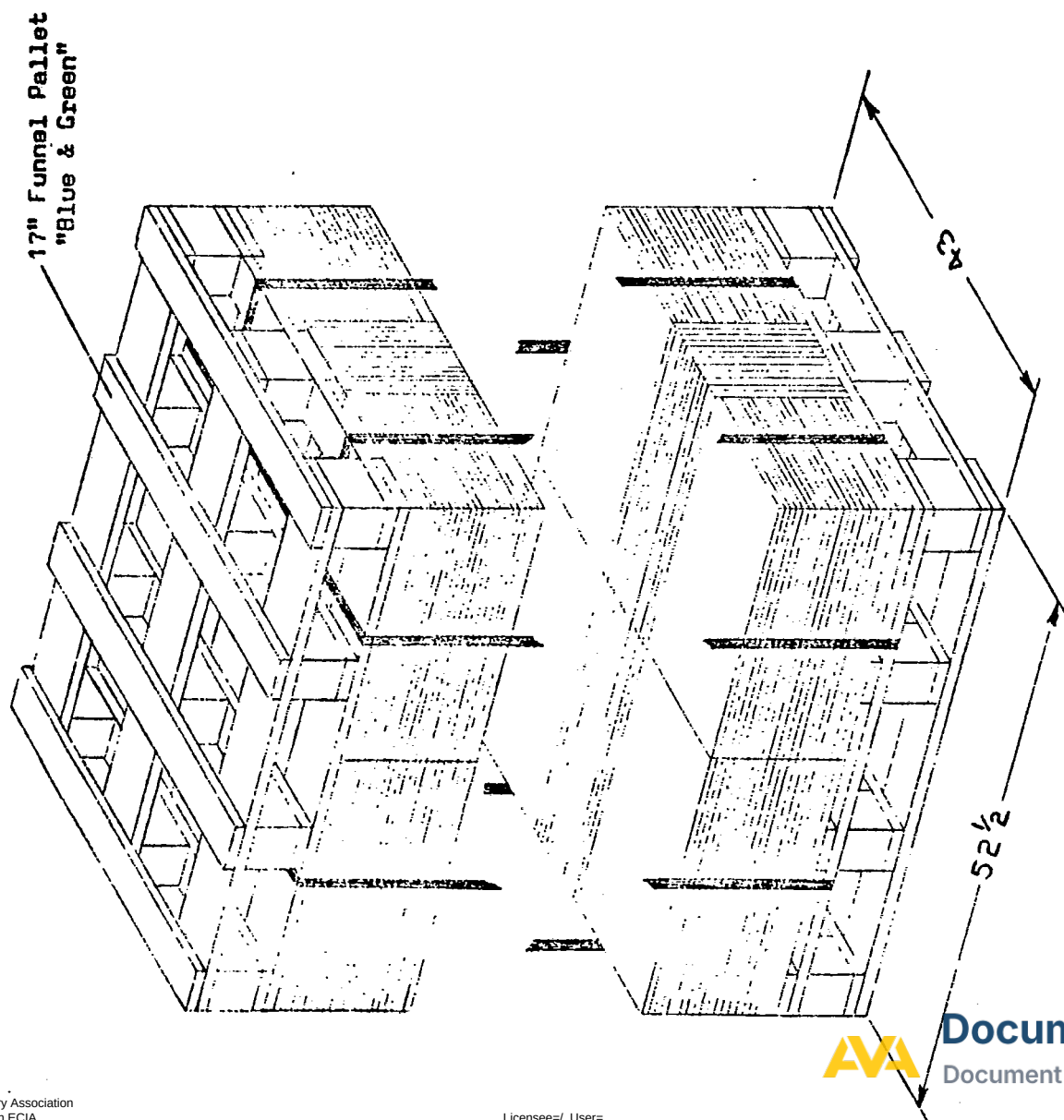
Corning Part #10-15(V) CTV-F3
OI Part #105-04



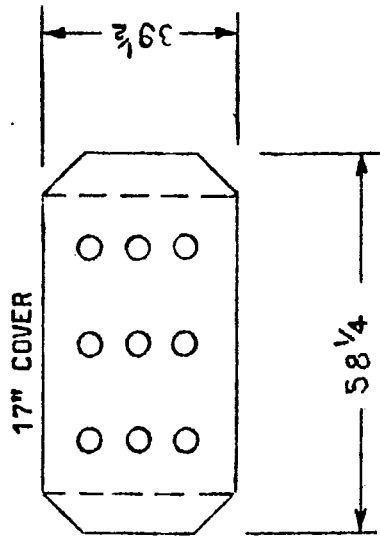
4 Stacks of 60 Outers
60 Outers packed on end
(4 stacks of 15)
300 Outers per load

17" FUNNEL OUTER

Corning Part #10-17V CTV F1
OI Part #141-40

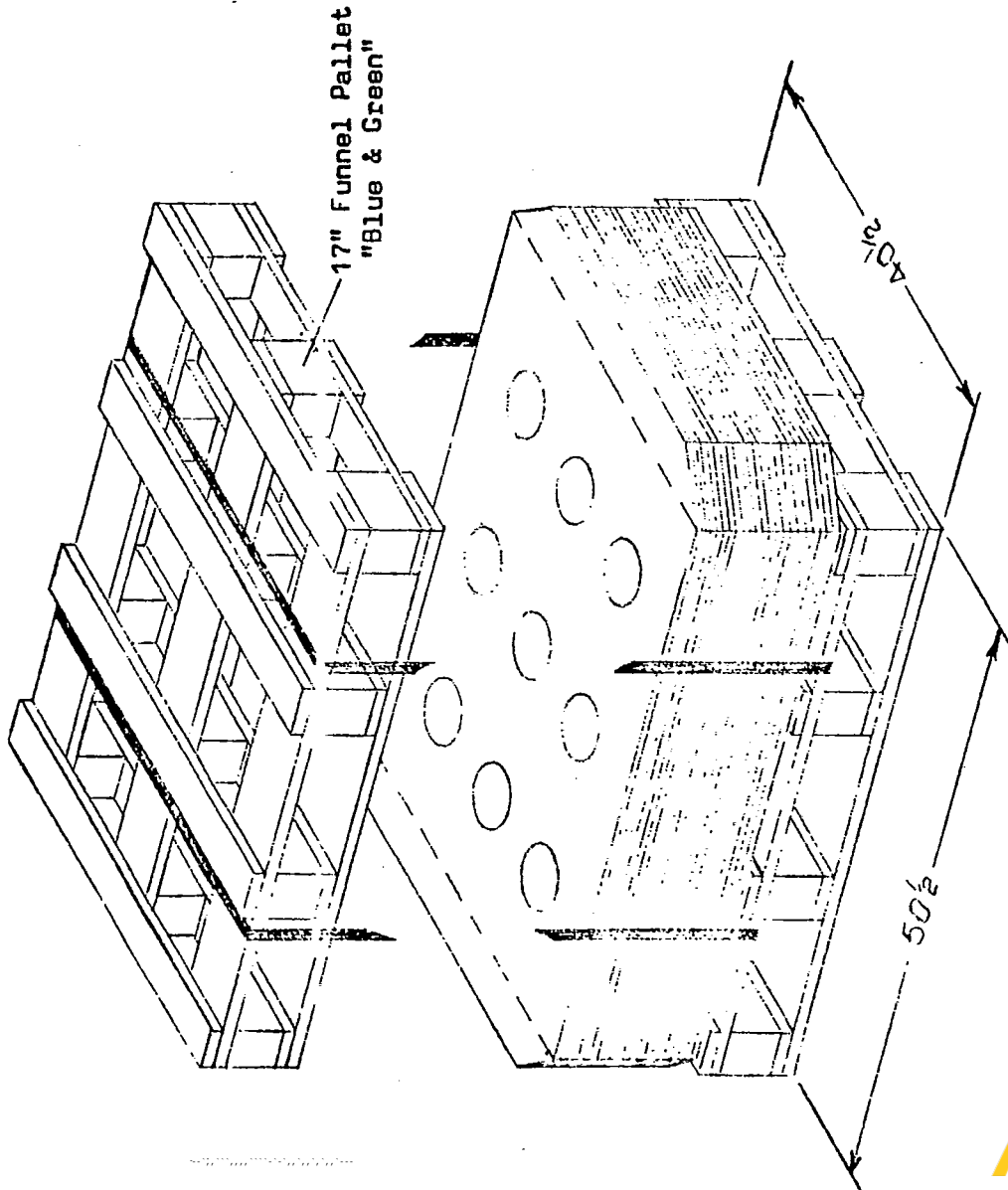


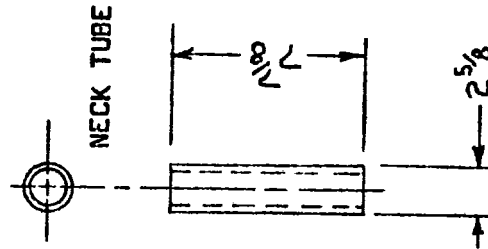
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80 Covers per load
Band securely with 2 bands.

17" FUNNEL COVERS
Corning Part #10-17V CTV-F2
OI Part #141-45

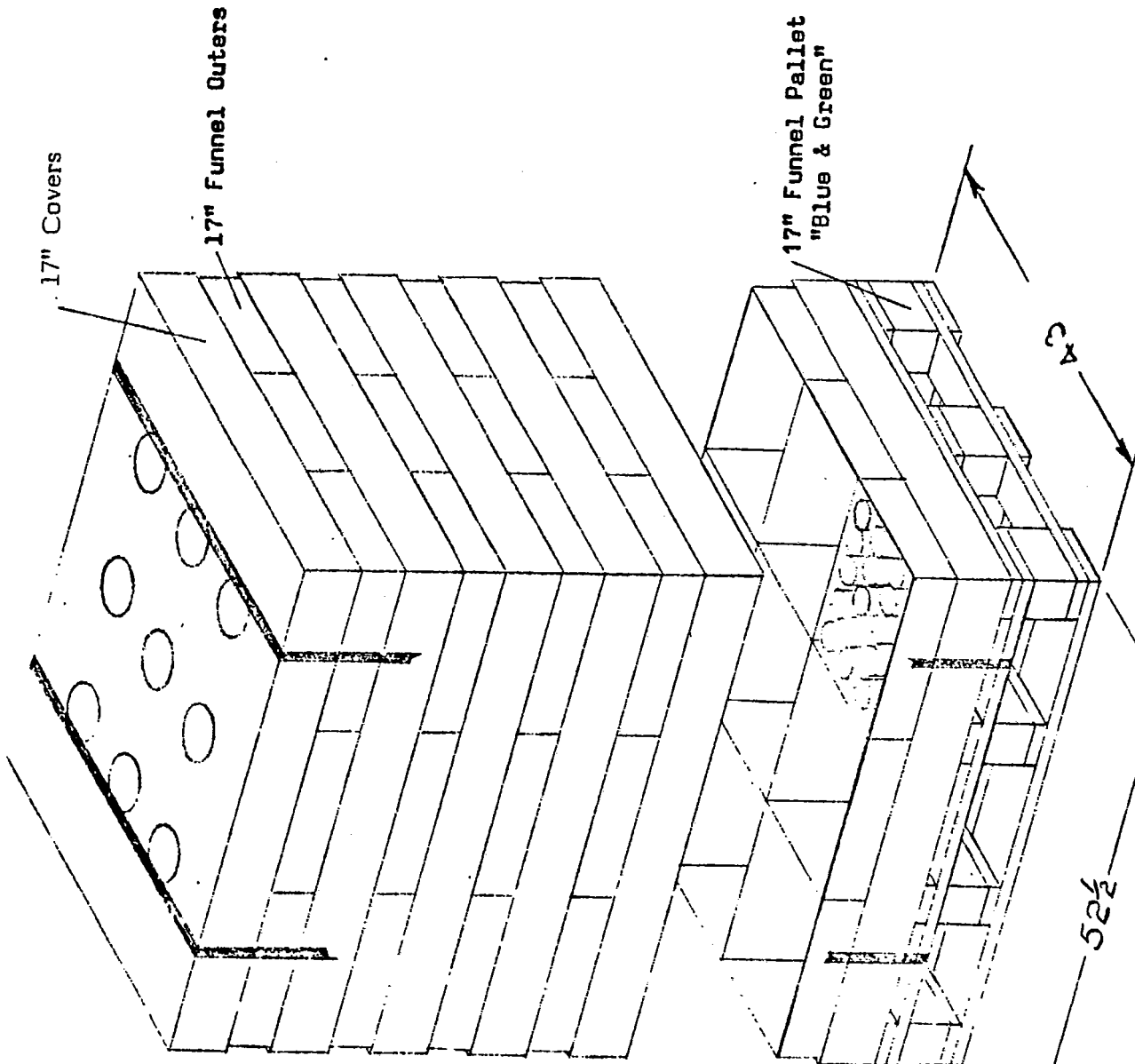




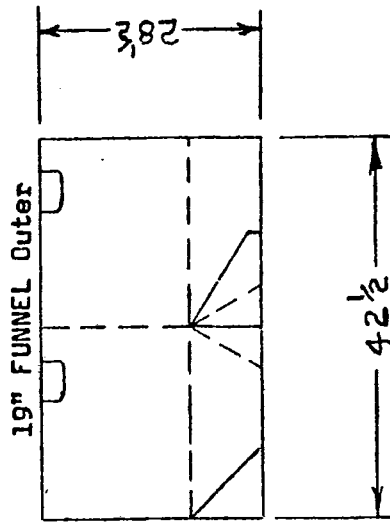
28 Neck tubes per box
9 Boxes per layer
5 Layers high
1260 Neck tubes per load

17" NECK TUBE

Corning Part #10-17V CTV-F3
OI Part #105-04



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2 Stacks of 80 Outers
160 Outers per load

19" FUNNEL OUTER

Corning Part #14-19V90-PL-F1.1
OI Part #140-40
RCA Part #F 19V90/100 F1

