

SPECIFICATIONS - FILING BOOKCASES 87-90-98 SERIES

Object and applications

The object of the present specifications is to describe minimum technical Filing Bookcases requirements.



Technical requirements

Generalities

The construction is all welded without bolts. All burrs are removed to avoid injuries.

Materials

Filing bookcases are made of cold-rolled steel sheets of commercial quality. All filing bookcases are all welded construction. Tolerances are shown in table 1 in accordance with the « U.S. Manufacturer's Standard Gauge Numbering System » (M.S.G.)

Materials used for filing bookcases construction are described in table 2.

TABLE 1

Thickness and tolerance of the steel sheets		
Gauges	Average Thickness (inches)	Tolerances (+ / - inches)
12	0.105	0.009
13	0.090	0.007
14	0.075	0.006
15	0.067	0.005
16	0.060	0.005
17	0.054	0.005
18	0.048	0.004
19	0.042	0.004
20	0.036	0.004
21	0.033	0.003
22	0.030	0.003
23	0.027	0.003
24	0.024	0.003

TABLE 2

Component Thickness			
Components	Gauges	Material	References
Top	20 M.S.G.	C.R. Steel	1
Sides	20 M.S.G.	C.R. Steel	2
Back	22 M.S.G.	C.R. Steel	3
Bottom	20 M.S.G.	C.R. Steel	4
Shelves	22 M.S.G.	C.R. Steel	5
Shelf supports	18 M.S.G.	C.R. Steel	6

* C.R. Steel: Cold Rolled Steel

Construction

Top (1)

The back and the sides are folded at 90 degrees. The edge of the 4 corners is welded continuously and polished thereafter. The top is made of one piece, folded onto the 4 sides and is welded inside. Its front is made of triple fold to 90 degrees and the 2 interior corners of the front are mig welded.

Sides (2)

The sides are made of one piece construction and welded to the back by simple joint. The front and sides are made of triple fold to 90 degrees. In the case of the double wall filing bookcase (series 90) the sides are reinforced on all the height by vertical Omega folds.

Back (3)

The back is made of one piece and is welded by points inside the folds of the top, the sides and on the folds of the bottom.

Bottom (4)

The bottom is made of one piece and the front of the bottom is with double fold at 90 degrees downwards. The bottom is welded with the frame of the piece of furniture. These two (2) front interior corners are mig welded.



SPECIFICATIONS - FILING BOOKCASES 87-90-98 SERIES

Shelves / Back supports (5)

The filing bookcase is provided with adjustable shelves every 1 ½ ". The front and the back are made of triple fold to 90 degrees. The shelves easily support a minimal weight of 150 lbs (68 kg) without bending. Series 98 is provided with back supports and shelves perforated on front, being used for model (042) divider holder firmly in place by three points of support.

Shelf supports (6)

Each bookcase is provided with two (2) shelf supports on each interior side of the bookcase which can support the shelves which are adjustable at every 1 1/2".

Glides (optional) (7)

The glides are made of steel and solidly fixed to the supports located under the bookcase unit.

Accessories (optional) (8)

87 and 90 Series can be equipped with magnetic dividers, sliding cursors and "L" form dividers to separate all documents on the shelves. 98 Series is provided with flat separators which cling to the shelf and the back support ; adjustable at every 1". All the series can be provided with a reference shelf with sliding arm.

Surface finish

Steel sheets and strips are sufficiently clean and flat to avoid any detrimental effect to the appearance and construction of the bookcases. The steel is corrosion treated by means of phosphate processing. The surface is suitably prepared for application of the paint coating.

Painting (Baked enamel)

Average thickness five (5) readings per surface of paint dry coating is at least 1 mil. Dry on all apparent surfaces. Painting is cooked at 350 degrees and its gloss is at 40 to 45%.

Disposition towards quality control

Perfix Inc. operates under ISO manufacturing standards to ensure constant and superior quality to all its customers. All products manufactured by Perfix Inc. have a five (5) year full warranty against all fabrication defects, from invoice date. No warranty is applicable if installed near pools.

