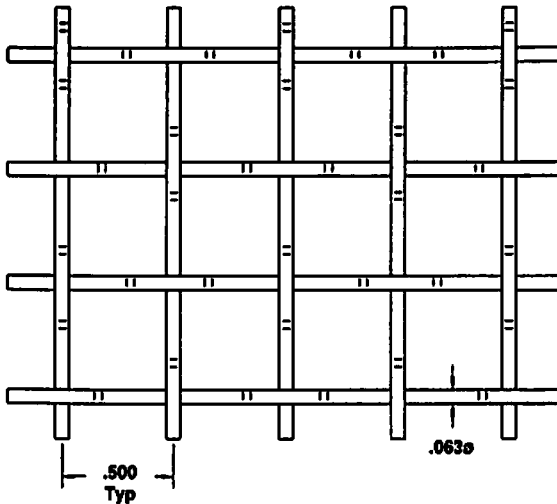
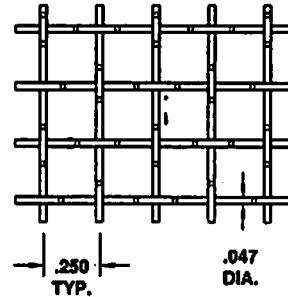


**Aluminum or Galvanized Bird Screens or Insect Screens**

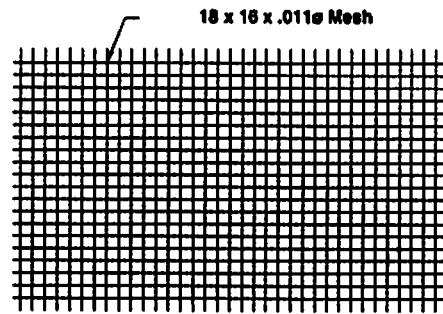
Note: - All louvers are supplied with screen depending on the type of louvers. See louver submittal sheets for more information.



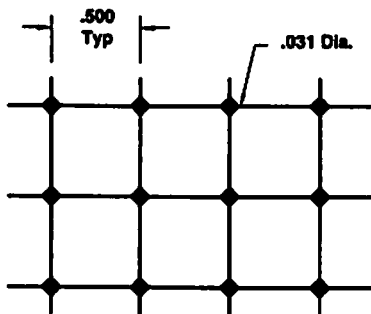
**WOVEN ALUMINUM MESH INTERCRIMPED**



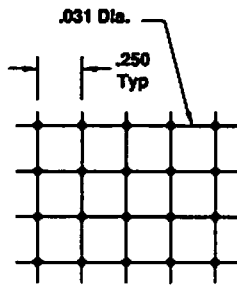
**WOVEN ALUMINUM MESH INTERCRIMPED**



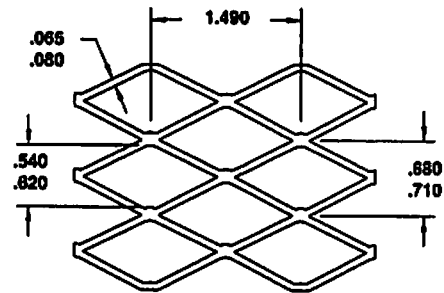
**WOVEN INSECT SCREEN**  
WIS = FIBERGLASS  
WAS = ALUMINUM



**1/2" (13) GALVANIZED  
HARDWARE CLOTH**



**1/4" (5) GALVANIZED  
HARDWARE CLOTH**



**ALUMINUM BIRD SCREEN**  
FINISHED THICKNESS  
OF WBS-1 IS .040

DATE	ARCHITECT			CUSTOMER
PROJECT				
ITEM	QTY	W	H	

**Aluminum or Galvanized Bird Screens or Insect Screens**

Note: - All louvers are supplied with screen depending on the type of louvers. See louver submittal sheets for more information.

**EFFECTS OF SCREEN ON PRESSURE DROP**

The following information is to be used to determine the effects of screen and filters on pressure drop when installed on any louver. Multiply the pressure drop of any louver at a given velocity times

the number below, based on which type of screen is used. This will give the new pressure drop (total for louver and screen) at that velocity.

For the screens, the following may be used:

- 1/2" x 1/2" (13 x 13) bird screen (76.4% open area) .....1.03 multiplier
  - Expanded metal bird screen (72% open area) .....1.12 multiplier
  - 18-16 mesh insect screen (64.4% open area) .....1.16 multiplier
- AMCA changed their testing procedure for louvers to be tested without any type of screen so all louver manufacturers will be testing comparable features.

DATE		ARCHITECT		CUSTOMER	
PROJECT					
ITEM	QTY	W	H		



DEPENDABLE PRODUCTS SINCE 1955

**SAFE-AIR OF ILLINOIS INC.**

*Engineering and General Offices*

1855 South 54<sup>th</sup> Avenue, Cicero, Illinois 60804

Phone 708-652-9100 FAX 708-652-9158