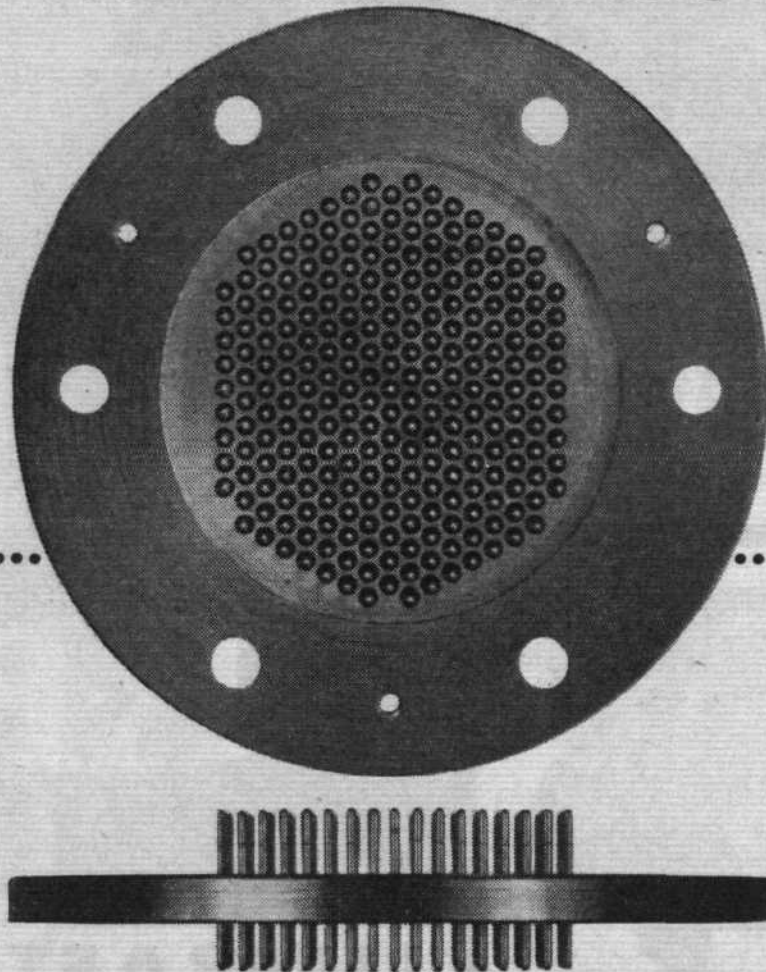


Perfected glass-metal bond give Amphenol-Borg hermetic seals



**up to 9000 p.s.i. ultimate strength
390°C. working temperature**

Amphenol-Borg glass seals meet a strict definition of hermetic sealing. The leakage rate is less than 0.1 micron cubic foot of helium per hour when checked by mass spectrometer at one atmosphere pressure differential. Sealing has been perfected through a special Amphenol-Borg technique which bonds glass inserts to the steel shells. (The glass seal is, of course, an excellent dielectric). The range of hermetic seals includes receptacles in

accordance with MIL-C-5015, MIL-C-26500 and MIL-C-26482. There are designs for seals to operate up to 390°C; with a safe working strength of 3000 p.s.i. differential working pressure and a breaking strength of 9000 p.s.i. at room temperature. All multi-pin Amphenol-Borg hermetic seal connectors have clear contact identification, which assists accuracy and speeds wiring and inspection.



**I. E. & A. EXHIBITION
STAND G.18.**

AMPHENOL-BORG LTD

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