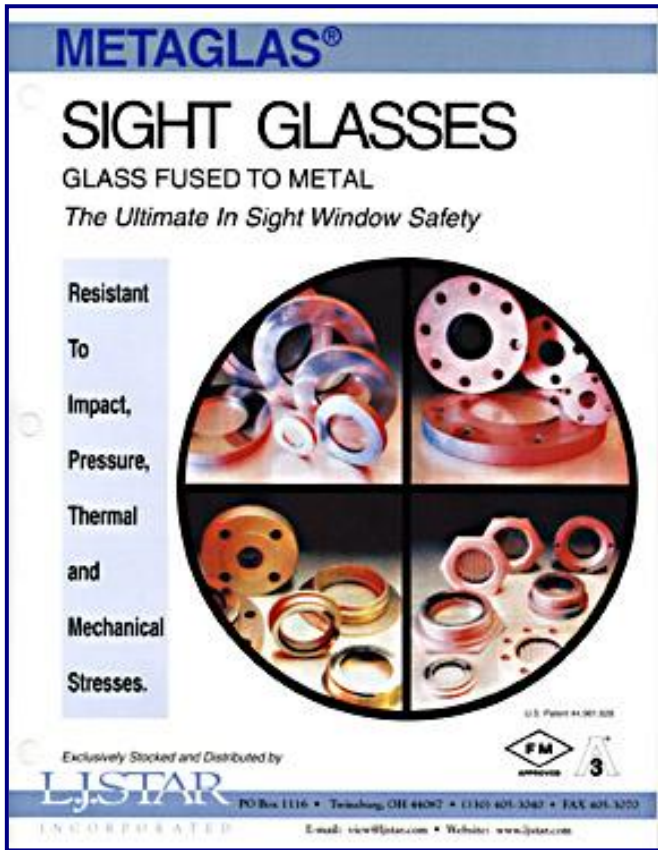


STAR-0142

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Brochure Describes Fused Glass/Metal “Strength of Steel” Sight Glasses



A new brochure from L.J. Star describes its line of ultra-safe prestressed Metaglas® sight glasses. Made by fusing pure borosilicate glass within stainless steel rings the result is a sight glass that has been described as having the transparency of glass with the strength of steel.

The brochure provides photos, descriptions and cut-away drawings of typical products in the line, those suitable for general applications and those for aseptic use.

Among the discs described are those for applications in flange sight ports, circular weld pads, visual flow indicators, threaded ferrule sight ports and sanitary clamps. The DIN7079 metal rings are standard as duplex stainless steel but carbon steel and Hastelloy “C” rings are also available. The glass is always borosilicate, DIN 7080.

Separate sections describe discs that are suitable for aseptic use and those for use as threaded sight glasses in hazardous locations, compression chambers, sight glass illumination, fluid measurement

and turbulence in gear housings. Special ANSI bolt-on flanges for flat faced flanges are also described. A descriptive section provides information on the nature of Metaglas® discs. It notes that rupture tests have shown the discs to be safe at pressures far exceeding rated pressure and even then they failing-safe, remaining leak-tight even when surface cracks appear. Also, it is noted that Metaglas discs, unlike standard glass discs, can be removed from service when needed for maintenance or access to the vessel and then re-installed with no degradation in service or safety.

To download high-resolution image, control-click www.ljstar.com/images/metalit.jpg

L.J. Star Incorporated provides an extensive line of process observation equipment -- sight glasses, lights, sanitary fittings, and level gage instrumentation. Product lines include Metaglas® Safety Sight Windows, Lumiglas® Explosion Proof Lights and Cameras, Visual Flow Indicators, Sight Ports, Sanitary Clamps, Magnetic Level Gages and Gage Glass. Metaglas is the #1 selling fused sight glass, proven in thousands of installations around the world. Unlike some other sight glasses, it meets stringent DIN 7079 and DIN 7080 quality standards, and it is approved for USP Type 1 use.

For additional information, or to request third-party documentation of standards compliance and product performance claims, contact L.J. Star Incorporated, P.O. Box 1116, Twinsburg, OH 44087. Phone: 330-405-3040. Fax: 330-405-3070. Email: view@ljstar.com or visit our website at www.ljstar.com/pubs/5.htm.