

Peerless Metal Powders & Abrasive is pleased to announce that its new manufacturing facility, the Metalettes Division, is now producing a range of soft steel abrasives under the trade name FS Metalettes™ Ferrite Shot & Grit.

What are Ferrite Abrasives?

Ferrite Abrasives are manufactured by a proprietary process of carbon removal from standard electric furnace steel shot or steel grit. Nominal properties compared to glass beads and typical steel shot are:

	Hardness	Durability	Density
Glass	6 - 7 Mohs	5 - 6 cycles	2.6 g/cc
Ferrite Shot	5 - 7 Mohs (10-20 Rc)*	6,000 cycles	7.4 g/cc
Steel Shot	42 - 48 Rc	2,500 - 4,000 cycles	7.4 g/cc

*Ferrite Abrasives can be supplied in any hardness up to 35 Rc.

These abrasives are designed to replace glass beads in non-destructive blasting and polishing applications. The advantages in using FS Metalettes Ferrite Abrasives are significant reductions in cost and improvements in quality of finish and blast environment due to :

- less dust
- faster cleaning
- longer media life
- less abrasion to surface
- permits use of airless blasting machines

What sizes are available?

Ferrite Abrasives can be supplied in most SAE shot and grit sizes. Special sizes can also be produced to meet specific requirements.

What applications are Ferrite Abrasives being used for?

Ferrite Abrasives are successfully being used as recyclable media in:

- cleaning steel, aluminum and other non-ferrous materials
- cleaning molds in the rubber and glass industries
- removing lead base paints from wood, bricks, mortar and plaster with no surface deterioration

In laboratory testing against Freemax 45 steel, glass beads actually caused 35 times more abrasion than Ferrite Shot and against K-100 aluminum at least 3 times more abrasion than Ferrite Shot.

How much do Ferrite Abrasives cost?

Ferrite Abrasives are priced competitively with glass beads, providing significant cost savings because of its longer life. Special large quantity discounts are available to distributors.

Since FS Metalettes Ferrite Abrasives will have many new applications for both airless and air blasting equipment, we are interested in discussing our product and its applicability to your requirements.

For further information or to request samples, call 1-800-959-0320 (Toll-free in the U.S. and Canada)

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SURFAIR X

The 10th International Aerospace Industry Surface Treatment Conference will be held on 8-9-10 June 1994 in Cannes (France).

New surface-treatment and material technologies will be presented for discussion by specialists from seven countries. Thirty papers will be read covering electroless and electroplating, thermal spraying, PVD and CVD coating, painting and paint stripping, peening, chemical and electrochemical machining, cleaning, stripping of coatings, new composite materials, quality insurance and environmental aspects. The papers will be presented in English or French with corresponding simultaneous interpretation.

A poster-booth exhibition will be organized simultaneously.

The Aerospace Industry continues to be a pioneer in the development and use of new technologies, which later find application in other fields as well. Hence, this conference will be of great interest to specialists from all areas of industry and R & D.

Conference Administration and Secretariat:

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