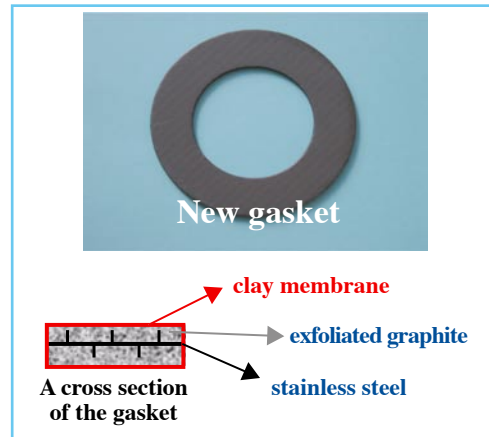


Development of a new gasket substituting for asbestos products

A heat-resistant clay membrane and exfoliated graphite - a conventional material of gaskets - are combined to develop a new gasket that is superior to existing nonasbestos products in terms of heat resistance, durability, and chemical resistance in addition to offering the same ease in handling as asbestos products. This gasket offers a wide range of applications in facilities such as chemical plants like oil refineries and heat power plants, taking advantage of its ease in handling and thermostability. Excellent results have already been obtained from the verification tests conducted in petrochemical plants.



New gasket and its structure.

Takeo Ebina

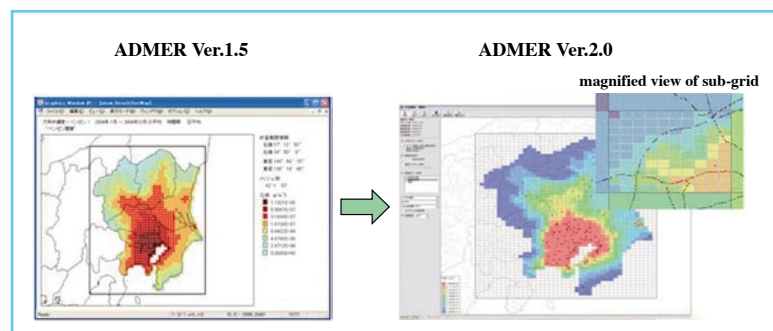
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Functional enhancement of ADMER

The latest version (Ver. 2.0) of “ the Atmospheric Dispersion Model for Exposure and Risk Management (ADMER) ”, which is designed to estimate the distribution of regional atmospheric concentrations of chemical substances and the exposure to populations, has been developed. This version has a built-in function to analyze sub-grids that will assist users in their analysis of small areas such as cities, wards, towns, and villages. This function increased the surface imagery considerably from every 5 km to the maximum of every 100 m. In addition to this feature, the new version has been given the representational function and improved user-friendliness brought about by the geographical information system (GIS) with the various improvements to respond users' requests.



ADMER Ver.1.5 (left) and Ver.2.0 (right).

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