



1. Introduction

JFE Steel offers a full lineup of laminated steel sheets for cans suitable for various applications

which is strongly suspected of being an environmental endocrine disrupter, and also have other advantages, including superior corrosion resistance in comparison with lacquered cans. In particular, however, laminated 18 L cans have received a high evaluation thanks to their scratch-resistant surface and excellent rust resistance. These properties are important in 18 L cans, as these cans are easily scratched during handling due to their heavy weight after filling, and they are frequently used under severe environments, for example, outdoors in coastal areas.

JFE Steel not only supplies laminated steel sheet products, but on occasion also works with the customer to create proposals for can-making technologies that are truly required by the customer. As one such exam-

as a result, and welding of TFS is difficult (**Table 1**).
When welding 18

