

## 1. Introduction

Concern about the global environment \_ in a natural gas c

cylinder must have sufficient strength to withstand the pressure of natural gas and be light-weight for reducing the fuel consumption of the car. Accordingly, the cylinder should be made of a seamless steel pipe having high strength (approximately 990 MPa) and thin pipe wall. To meet these requirements, the seamless steel pipe section of JFE Steel has developed a technology to manufacture extra-thin wall thickness steel pipes.

This report describes the outline and features of the steel pipe.

## 2. Features of the Steel Pipe for High Pressure Gas Cylinder, Manufactured by JFE Steel

The steel pipe for high pressure gas cylinders has the following features.

(1) **Figure 2**

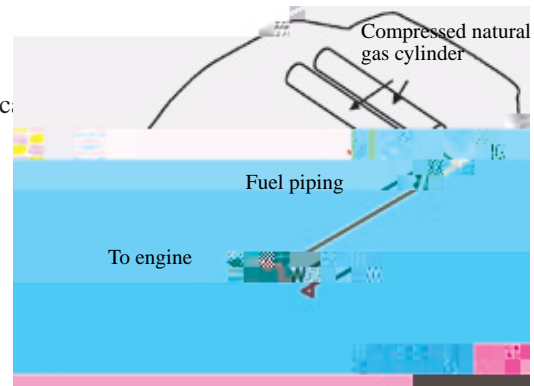


Fig.1 Example of fuel supply system of natural gas in car

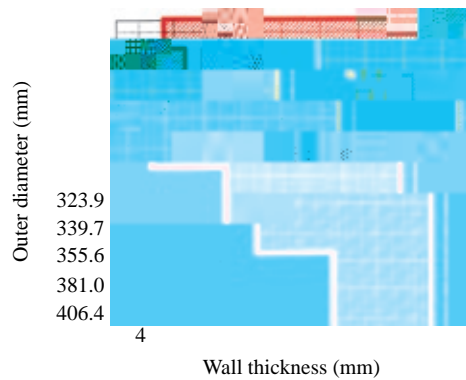


Fig.2 Size availability with medium-diameter seamless steel pipe

such applications.

### For Further Information, Please Contact to:

Pipe & Tube Sales Dept., JFE Steel  
 (Tokyo) Phone: (81) 3-3597-4168  
 (Osaka) Phone: (81) 6-6342-0723  
 Tubular Products Business Planning Dept.  
 Phone: (81) 3-3597-3511