



## 1. Features

Increased critical buckling strain without an increase in wall thickness controlling microstructure

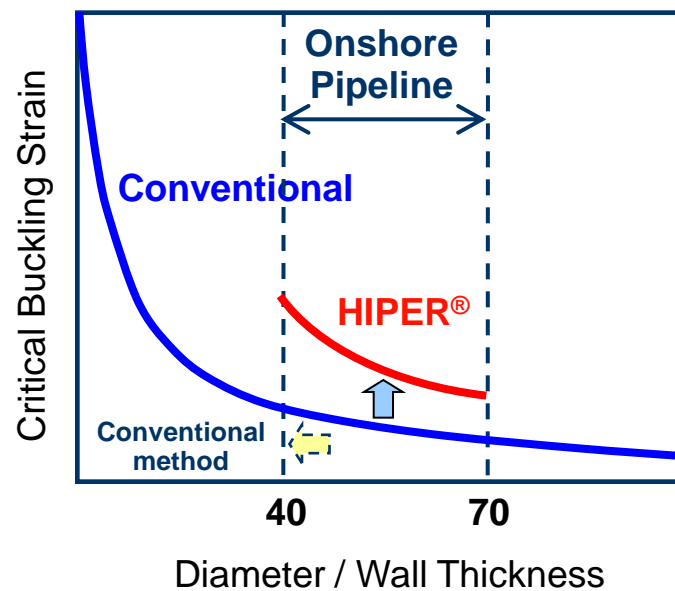
Suitable for pipeline construction in areas where the ground is subject to movement due to factors such as earthquakes and landslides

## 2. Commercial Advantages

Reduces material cost

Reduces transportation cost

Reduces construction cost



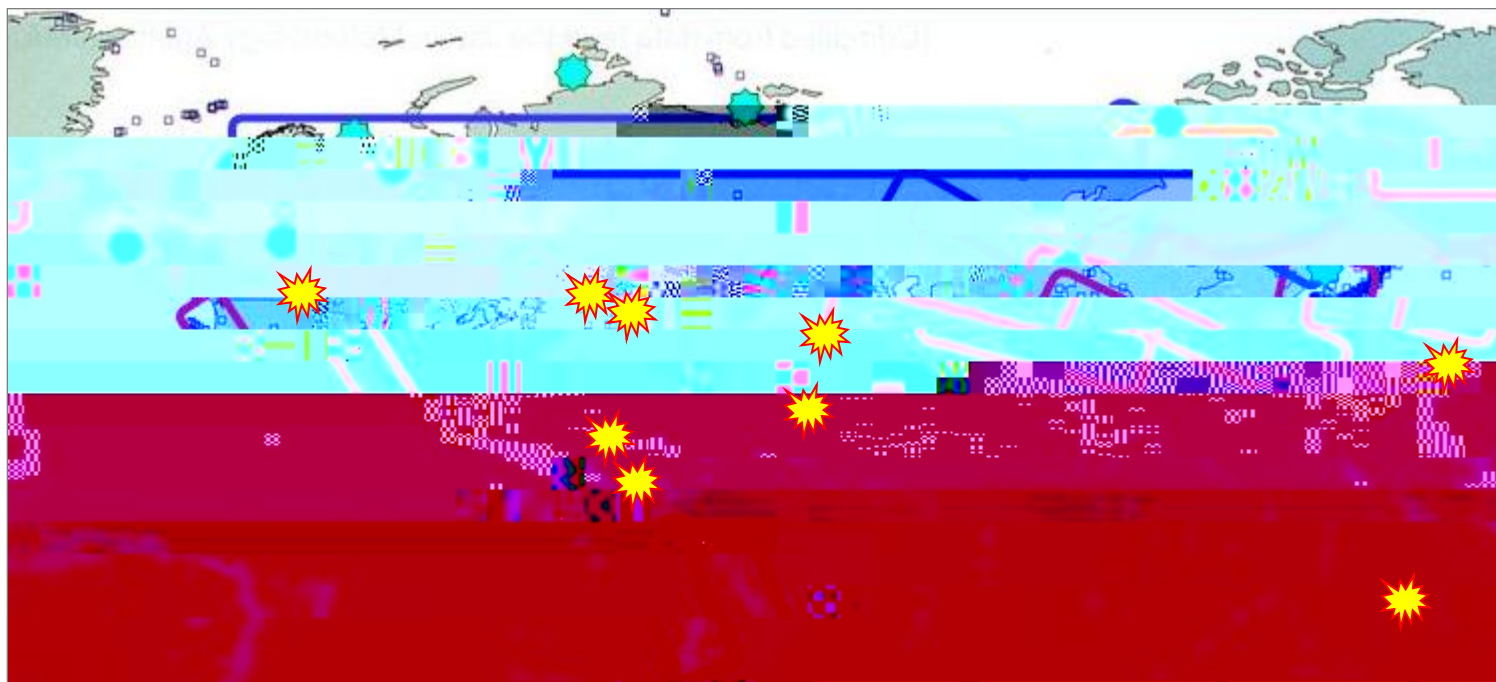
### 3. Supply Record

Seismic region    
  Frost region    
 ❖ Ice-gouge region



**Recent great earthquake**

Plots represent earthquakes of M4 or above and with depths of less than 100 km observed until 1993.



**Developed in 2000**

**Fields Proven : Accumulated global supply of more than 88,000 MT**

**Customers : Super Majors, National Oil Companies**

**Areas : Russia, Canada, China, Papua New Guinea**



Region	Office	Person in charge	✉ E-mail Address	☎ Phone
America >	<b>JFE Steel America, Inc., Houston Office</b>	<b>Nobuhiko Kusui</b>	<a href="mailto:n-kusui@us.jfe-steel.com">n-kusui@us.jfe-steel.com</a>	<b>(1) 713-532-0052</b>
Europe / Russia /Africa >	<b>JFE Steel Europe Limited (London)</b>	<b>Masaaki Doi</b>	<a href="mailto:m-doi@jfe-steel.co.jp">m-doi@jfe-steel.co.jp</a>	<b>(44) 20-7426-0166</b>
Asia / Pacific >	<b>JFE Steel Asia Pte. Ltd. (Singapore)</b>	<b>Toru Kuwana</b>	<a href="mailto:to-kuwana@sg.jfe-steel.com">to-kuwana@sg.jfe-steel.com</a>	<b>(65) 6-220-1174</b>
Middle East >	<b>JFE Steel Corporation, Dubai Office</b>	<b>Yosuke Imai</b>	<a href="mailto:yo-imai@jfe-steel.co.jp">yo-imai@jfe-steel.co.jp</a>	<b>(971) 4-884-1833</b>