ADVANTAGES

Stainless Steel Characteristics
- Corrosion resistant
- Durable
- Hygienic
- Strong
- Lower Life Cycle Cost
- Not susceptible to cracking
- Lower maintenance costs
- Improved water quality
- 100% recyclable

Flexible pipes
- Reduce leakage by minimizing the number of joints
- Improved workability
- Flexible and easy to install
- Resistant to seismic shocks and subsidence
- Matching fittings to connect to the water main and valves and meters

CONCLUSIONS

The corrosion resistance, durability, resilience and reduced number of joints of corrugated stainless steel service pipe has played an important role in stopping leaks.

The experience of Tokyo, Seoul and Taipei proves the suitability of stainless steel for service lines even for very large systems. While the initial cost compared to competing materials may be higher, stainless steel has been shown to be a good investment over its long life, paying back each year in reduced maintenance and cost per gallon processed.

Since 1994 Tokyo has reduced annual water leakage by nearly 37.5 billion gallons, with savings in excess of US$200 million per year. Taipei's reduction since 2002 is about 38.6 billion gallons annually. More importantly, Taipei was able to provide continuous service in 2011 with water to Spain, during a more severe drought than the one which instigated the project in 2002.

The corrosion resistance, durability and resilience of stainless steel make it a good choice for water distribution systems. The experience of Tokyo, Seoul and Taipei proves the suitability of stainless steel for service lines even for very large systems. While the initial cost compared to competing materials may be higher, stainless steel has been shown to be a good investment over its long life, paying back each year in reduced maintenance and cost per gallon processed.