

# The next generation flange pipe joint “CF Joint”

**Nowla Engineering Co., Ltd.**

## 【Features】

- Adopts originally developed self-sealing gasket and constricting stopper.
- Mounts readily, with half the usual number of bolts and use of short-neck carriage bolts.
- Half the weight of conventional joints and with a small outside diameter, helping to reduce Co2.

## 【Impact】

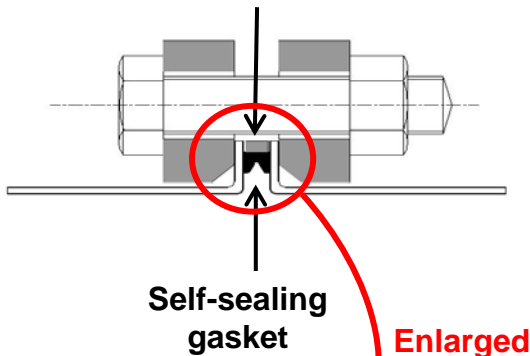
- Able to be tightened with a single spanner, without the need for torque control.
- Easy to work with, even by inexperienced hands.
- Already used in Haneda Airport International Flight Passenger Terminal and sold to Tokyo Fire Department, Japan Railway East and West companies, etc.

CF Joint internal structure



## 【Principles】

Constricting stopper doubling as gasket reinforcing ring



Self-sealing gasket

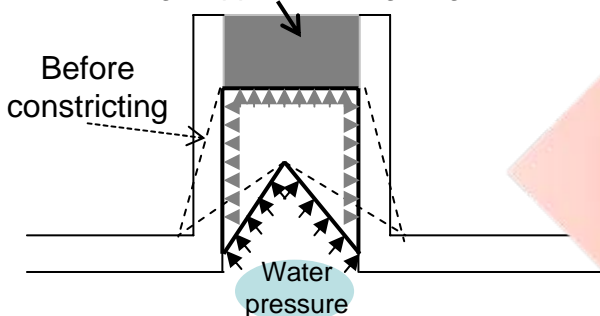
Enlarged view



Current joint

CF Joint

Constricting stopper doubling as gasket reinforcing ring



Before constricting

Water pressure

**Rising water pressure increases surface pressure on the seal area, raising the sealing effectiveness.**



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