# 20 ADVANTAGES at a GLANCE

No more trips to a job site with the wrong coupling.

Low inventory storage costs as only a few sizes are needed to meet all applications.

Increased efficiency equals labor cost savings.

Greatly exceeds hydrostatic testing requirements of ASTM C1173: "while under an internal hydrostatic pressure of 4.3 psi (30 kPa) for a period of 15 minutes."

Robust design ensures the coupling won't fall apart on the job site.

The reduction process takes place centrically, uniformly and separately on each side of the pipe coupling.

Large-surface cylindrical contact and sealing area.

Multiple double sealing profile on each side.

Stainless steel tension bands with click-lock mechanism ensure reliable, rapid and uniform assembly.

A bedding channel on both sides of the tension bands ensures reliable and secure band guidance.

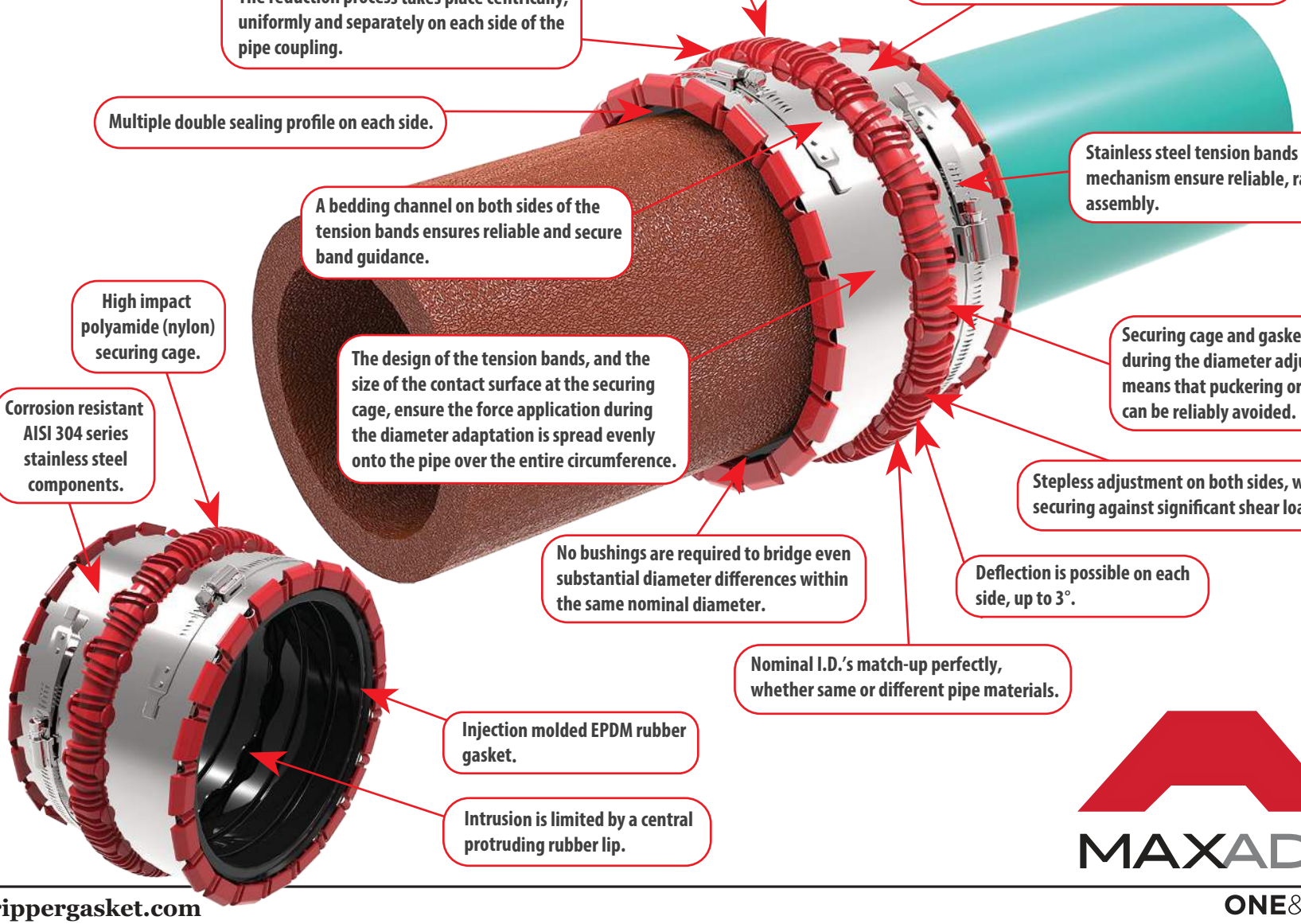
High impact polyamide (nylon) securing cage.

Securing cage and gasket retain a neutral position during the diameter adjustment process, which means that puckering or deformation of the rubber can be reliably avoided.

The design of the tension bands, and the size of the contact surface at the securing cage, ensure the force application during the diameter adaptation is spread evenly onto the pipe over the entire circumference.

Corrosion resistant AISI 304 series stainless steel components.

Stepless adjustment on both sides, with permanent securing against significant shear loads and deflection.



No bushings are required to bridge even substantial diameter differences within the same nominal diameter.

Deflection is possible on each side, up to 3°.

Nominal I.D.'s match-up perfectly, whether same or different pipe materials.

Injection molded EPDM rubber gasket.

Intrusion is limited by a central protruding rubber lip.

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ONE&DONE™