



Hydrocore™ Expansion Joint

HYDROCORE
LIMITED

*The smart
solutions for your
business*

APPLICATION

The Hydrocore™ sliding type expansion joint is utilized as a thermal compensator in air & water lines.

DESIGN STANDARDS

The design of the expansion joint complies with various international standards, of which the most important are:

- ASME Boilers & Pressure Vessels Design Code
- ANSI B16.5
- ANSI B16.10
- ANSI B16.34
- ANSI B16.37
- ANSI B31.3

VALVE ENDS

Flanges: SABS 1123, ANSI B16.5, BS4504, BS10

Couplings: U-Cone, Victaulic

COATING:

Epoxy or Hot dipped galvanised or other as specified by client

NOTE:

The manufacturer, without prior notice, can change specification of materials.

MATERIALS OF PARTS

PART	DESCRIPTION	MATERIAL
1	Slider	EN-8 or ASTM A106 Claddec
2	Stationary	EN-8 or ASTM A106 Claddec
3	Seals	Polyurethane 90 shore
4	Flange	ASTMA105
5	Flange Connector	ASTMA105
6	Nylok Nut	Grade 8.8 Hot Dip Galvanize
7	Nut	Grade 8.8 Hot Dip Galvanize
8	Jacking Bolts	Grade 8.8 Hot Dip Galvanize
9	Eye-Bolt	Grade 8.8 Hot Dip Galvanize

