

About our Hygienic Union Parts

US 3A UNIONS 1" - 4"

3A fittings are a US 3A bevel seat union with an ACME thread. There is no requirement for rubber seals making it ideal for use in high temperature process pipe work.

Tri-Clamp Fittings ½" - 12"

Tri-Clamp Fittings are one of the easiest unions to dismantle, expediting the cleaning of pipework systems. They conform to BS4825 PT3, US 3A, DIN Standard, ISO, ASME BPE and are suitable for tube and Nominal Bore pipe. A Tri-Clamp union consists of a clamp, 2 ferrules and a seal. A variety of clamp types is available.

RJT UNIONS - RING JOINT TYPE BS4825 PT5. 1" - 6"

RJT fittings are a sanitary pipe line fitting for manual cleaning prominently used where the pipe lines are frequently dismantled for washing and sterilising. 4", 5" and 6" SRJT is available. A CIP RJT union is available. (See ILC below).

IDF UNIONS - INTERNATIONAL DIARY FEDERATION ISO2853 & BS4825 PT4. 1" - 4"

IDF fittings are a crevice-free union suitable for CIP where the pipe lines remain permanently in position and used where little dismantling required.

SMS UNIONS (SMS 1145) - SWEDISH METRIC SYSTEM 1" - 4"

SMS fittings are used extensively in hygienic process systems utilizing an aseptic gasket to enable full CIP where the pipe lines require minimal dismantling. These fittings are not forgiving to any tube misalignment.

DIN UNIONS 11851 (EN10357). DN10 – DN300

DIN 11851 fittings are widely used in the Hygienic Processing Industry. DIN unions are manufactured to suit imperial and metric tube and are widely used in the worldwide fluid processing industry.

DIN UNIONS 11864 (DIN Aseptic). ½" – 4" DN10 – DN100

DIN 11864 fittings are widely used in the Hygienic Processing Industry and are available in the following forms.

Type 1: Screw connection consisting of a nut, male, liner and O ring.

Type 2: Flange connection consisting of flange with collar, flange with groove bolts/nuts and gasket

Type 3: Clamp union consists of clamp, ferrule with collar, ferrule with groove and gasket.

I-Line & Q-Line Fittings -

I-Line and Q-Line fittings are used extensively in the Food, Dairy, Brewing, Beverage and Pharmaceutical Industries. I-Line fittings have a higher tolerance to vibrations, temperatures and pressures. They fully exceed 3A standards.

ILC Fittings – In-line cleaning. This is a variation of the RJT standard and designed for CIP pipe work. Suitable for high pressure applications. These fittings consist of a male, female, gasket and clamp.

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