

## SUBMITTAL SHEET

|                   |             |
|-------------------|-------------|
| JOB NAME          | ITEM TAG    |
| JOB LOCATION      | PART NUMBER |
| CONTRACTOR        | DATE        |
| ENGINEER APPROVAL | DATE        |

## THREADED STAINLESS STEEL FITTINGS

### Elbows, Tees, Crosses, Plugs, Unions, Caps, Couplings, Hex Bushings, Locknuts and Spuds

Produced in an ISO registered facility.

Manufactured in compliance with the ISO 4144-2003 Standard.

Each fitting features large investment castings with raised shoulders at the connections, for easier installation.

Cast using an electric induction furnace to ensure that the material is at optimum casting temperature throughout the entire casting process.

Legend offers both 304 & 316 stainless steel materials:

- 304 stainless steel offers a cost effective stainless option for food processing and general wet areas.
- 316 stainless steel has a higher nickel content and is used in highly corrosive environments, offshore or in petro-chemical plants.

#### Working Pressure, Non-shock (p.s.i.)\*

| Temperature (°F) | Non-shock maximum working pressure |
|------------------|------------------------------------|
| -4°F to 100°F    | 290 p.s.i.                         |
| 212°F            | 239 p.s.i.                         |
| 302°F            | 218 p.s.i.                         |

\*Extracted from Table 2 of ISO 4144-2003

#### MATERIAL SPECIFICATION

| PART           | MATERIAL     | SPECIFICATION |
|----------------|--------------|---------------|
| 1 All fittings | 304 & 316 SS | ISO 2604-2    |

Note: Both alloys are naturally lead-free.

#### SPECIFICATIONS FOR THREADED STAINLESS FITTINGS:

ISO 2604-2: Steel products for pressure purposes.

ISO 7-1 and 7-2: Pipe threads

