

# Applied Alloys Australia

## Carbon Steel Pipes, Fittings & Flanges

### Butt Weld Fittings

#### **Material Grades Available:**

ASME/ASTM SA/A234 WPB; SA/A420 WPL6  
ASME/ASTM SA/A403 WP304/L; SA/A403 WP316/L  
ASME/ASTM SA/A860 WPHY52

#### **Wall Thickness:**

Sch. 10, 20, 30, 40, 80, 100, 120, 160, STD, XS and XXS

#### **Stock Availability:**

1/2" thru 42" Elbows 45 & 90 Degree Long & Short Radius  
1/2" thru 42" Tees Equal & Reducing  
1/2" thru 8" 180 Degree Return Bends Long & Short Radius  
1/2" thru 36" Reducers Concentric and Eccentric  
1/2" thru 42" Caps

### Forged Flanges

#### **Material Grades Available:**

ASME/ASTM SA/A105N; SA/A350 LF2  
ASME/ASTM SA/A182 F304/L; SA/A182 F316/L

#### **Wall Thickness:**

Sch. 10, 20, 30, 40, 80, 100, 120, 160, STD, XS and XXS

#### **Type:**

Welding Neck – Blind – Slip On – Threaded – Socket Weld – Lap Joint – Hanger  
– Reducing Cover – Long Weld Neck – Swivel Ring – Spectacle Blind – Spade Blind –  
Spacer Ring

#### **Stock Availability:**

Class 150# - 1/2" thru 36" Class 300# - 1/2" thru 36" Class 600# - 1/2" thru 30"  
Class 900# - 1/2" thru 24" Class 1500# - 1/2" thru 24" Class 2500# - 1/2" thru 12"  
API 300# to API 10,000# - 3.1/8" thru 7.1/16"

### Line-Pipe

#### **Material Grades Available:**

ASME/ASTM SA/A 53 / 106 Gr.B / API 5L Gr.B / X42  
ASME/ASTM SA/A 333 Gr.6  
ASME/ASTM SA/A 312 TP304/304L; SA/A 312 TP316/316L  
ASME/ASTM SA/A 312 TP321  
API 5L Gr. X52

#### **Wall Thickness:**

Sch.10, 20, 30, 40, 80, 100, 120, 160, STD, XS and XXS  
Sch.10S, 40S, 80S, 160S, XXS

#### **Stock Availability:**

Carbon Steel – 1/2" thru 24" (Seamless)  
Stainless Steel – 1/2" thru 12" (Seamless)  
Low Temperature – 1/2" thru 24" (Seamless)

## **Forged Fittings**

### **Material Grades Available:**

ASME/ASTM SA/A105N; SA/A350 LF2  
ASME/ASTM SA/A182 F304/L; SA/A182 F316/L

### **Ratings:**

3000# NPT & SW – 1/4" thru 4"  
6000# NPT & SW – 1/4" thru 4"  
9000# SW – 1/2" thru 2"

### **Stock Availability:**

Elbow 45 & 90 Degree – Street Elbow – Coupling Full, Half & Reducing – Tee Equals & Reducing  
– Union – Union Male x Female – Cap – Boss – Plug Hex Head, Round Head & Square Head –  
Hex Nipple & Reducing – Hex Bushing – Cross – Reducing Insert – Bull Plug – Swage Nipples -  
Concentric & Eccentric as per BS3799 and Mfrs. Standard (1/2" thru 4" PBE/TBE, Sch80/160/XXS) -  
Pipe Nipples Seamless.

## **Forged Branch Outlet Fittings – OLETS (WFI Pipet)**

### **Material Grades Available:**

ASME/ASTM SA/A105N; SA/A350 LF2  
ASME/ASTM SA/A182 F304/L; SA/A182 F316/L

### **Wall Thickness:**

Sch.10, 20, 30, 40, 80, 100, 120, 160, STD, XS, XXS, 3000#, 6000#, 9000#

### **Type:**

Pipet available in Butt-Weld, Threaded, Socket Weld  
Elbow Pipet available in Butt-Weld, Threaded, Socket Weld  
Lateral Pipet available in Butt-Weld, Threaded, Socket Weld  
Nipple Pipet available in Threaded, Plain End, Bevel End, Flanged

### **Stock Availability:**

1/2" thru 24" For Carbon Steel (A105N), Low Temperature (A350 LF2)  
1/2" thru 6" For Stainless Steel (A182 F304L & F316L)