

PIPING & FITTINGS

Scope of supply

Flanges

- Compact flanges
- Standard flanges
- Long welding neck
- Orifice
- Anchor
- Swivel
- Fully designed & calculated flanges

Pipes

Seamless & Welded

Dimensions:
1/2" → 60"
In all Wall thicknesses

Forged Fittings

- Elbows
- Tees
- Caps
- Coupling
- Plugs
- Nipples
- Crosses
- O-lets

Carbon Steel, Galvanised and Alloys

Boltings

- Bolts
- Nuts
- Washers
- Screws
- Studs

Clamps & Hubs

- Clamp connector
- Hubs
- API Clamps

BW Fittings

- Elbows
- Tees
- Lateral & Barred Tees
- Reducers
- Caps
- Crosses

Gaskets

- API ring joints
- Anti vibration
- Elastomer seals
- Engineering plastics
- Expansion joints
- O-rings
- Hydraulic seals
- Spiral wound gaskets

Material grades

Stainless steel Corrosion resistance

- 316 Mo+
- 317L
- Alloy 28
- Alloy 20
- 904L
- 19.25 HMo
- 254 SMO®

Alloy and stainless steel High temperature

- P11
- P22
- P5
- P9, P91
- 304 H
- 321 H
- 347 H
- 800, 800 H, 800 HT

Austenitic-ferritic steel

Duplex : UNS S31803 / S32205
Super Duplex :
UNS S 32750 / S32760

Nickel and Nickel alloy

Alloy 600, 601, 625, 825
C276

Carbon steel

- A106 Gr B
- A105
- A234WPB
- P265 GH

Low temperature :

- LF2, A333 Gr 6
- LF3, A333 Gr 3

High Yield :

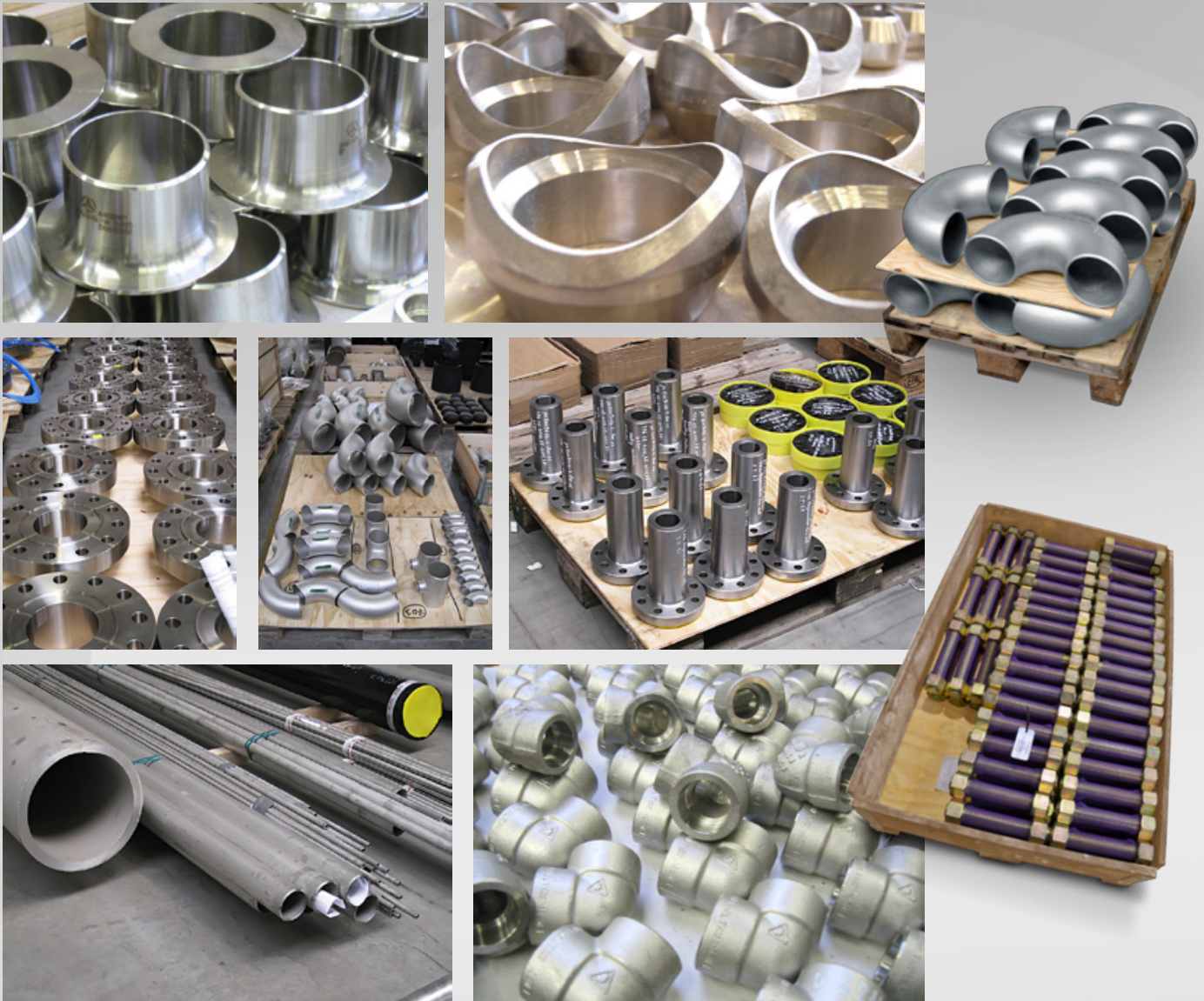
API 5L X52-60-65-80

... this is a non-exhaustive list, Do not hesitate to contact us for other needs.

ICARUS		MATERIAL COMPARISON	
Material	Grade	Material	Grade
316 Mo+	A106 Gr B	316 Mo+	A106 Gr B
317L	A105	317L	A105
Alloy 28	A234WPB	Alloy 28	A234WPB
Alloy 20	P265 GH	Alloy 20	P265 GH
904L	LF2, A333 Gr 6	904L	LF2, A333 Gr 6
19.25 HMo	LF3, A333 Gr 3	19.25 HMo	LF3, A333 Gr 3
254 SMO®	API 5L X52-60-65-80	254 SMO®	API 5L X52-60-65-80

PDF version available for download at www.icarus-be.com

Piping material



Extruded Manifolds

Material : Alloy 800 HT

Client : Total Petrochemicals Gonfreville



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