



Value Added Services

- Bending
- Coating
- Cutting
- Draw & Expansion
- Fabricate
- Forging
- Hot Dip Galvanized
- Heat Treatment
- CNC Machining
- Polish

World class
Engineering Products



Engineering and Industrial Product with Good Experience in Exporting Quality Product and Value added Services to the overseas Client.

Our Mission to Deliver Complete Customer Satisfaction by Maintaining High Quality, Committed Delivery and After Sales Service.

Standard

SPECIFICATIONS AS PER THE INTERNATIONAL STANDARD ASTM, ASME, API, AISI, BS, ANSI, DIN, JIS, MSS-SP, NACE

Value added Services

- Bending
- Centreless Grinding
- Cladding
- Coating (FBE, Epoxy, Gl)
- Cutting
- Re Draw & Expansion
- Fabricate Pipe & Fitting (with Radiography)
- Forgings
- Hot Dip Galvanizing
- Heat Treatment (Hardening & Tempering)
- CNC Machining
- Materials as per Drawing
- Minor Fabrication
- Pickled
- Polish (Electro & Commercial)
- Profile Cutting
- Slitting
- Threading



End Users

Outsourcing Testing Facility Available

CHEMICAL ANALYSIS | MECHANICAL TESTS | METALLOGRAPHY TEST
 HYDROSTATIC | CORROSION TEST | ULTRASONIC TEST | RADIOGRAPHY
 MISCELLANEOUS TEST

Delivery:

We try to provide delivery in Ex stock or within shortest delivery Period by Air Freight or Sea Mode or through courier.

Test Certificate:

Materials is supplied with Manufacturer Test Certificate as per EN 10204 / 3.1B & 3.2. Under Third Party Inspection and as per NACE MR 01 75.

Specialize:

We are specialize in Customized requirement along with value added Services such as Coating, Machining, Polish etc on Pipe, Fitting, Flanges etc.

Our commitment:

To Provide our customer Best Quality & Services with committed delivery at most Competitive price.

PIPE

Range	½" NB To 24" NB
Schedule	Sch 5, 10, 20, 30, 40, 60, 80, 100, 120, 140, 160, STD, XS, XXS.
Stainless Steel Pipe	ASTM A312, A358 - TP 304/304H/304L, 316/316H/316L/316Ti, 309, 310, 317L, 321, 347, 904L etc.
Duplex Steel Pipe	ASTM A790 UNS S31803, S32760, S31500
Low Alloy Steel Pipe	ASTM A 335 Gr. P5, P9, P11, P12, P21, P22 & P91
Carbon Steel Pipe	ASTM A-106 Gr. B. ASTM A 53
Low Temperature Pipe	ASTM A 333 Gr.6
Line Pipe	API 5L X 42, 46, 52, 56, 60, 70
Mild Steel & Galvanized Pipe	IS 1239, IS 3589 (Fe 330, Fe 410)
Nickel Alloy Pipe	Cu-Ni (Cupro Nickel), Hastelloy, Nickel, Monel, Inconel, Alloy 20 etc.
Form	Round, Square, Rectangle Hydraulic, Horn Tube etc.
Length	Single Random length, Double Random Length & Cut length
Coating	FBE - Fusion Bonded Epoxy, 3 Layer Epoxy / PE / PE
Value Added Services	Draw, Polish, Galvanizing, Heat Treatment, Sand Blasting, Machining etc.
Test Certificate	Manufacturer Test Certificate as per EN 10204 / 3.1B with NACE MR 01 75
Specialize	IBR Pipes, Fabricated Pipes (with Radiography) & Odd size etc.



Fabricated Pipe



FBE Coating Pipe



SS Electrolytic Polish Pipe



IBR PIPE



Low Alloy Steel Pipe

TUBE

Range	6mm OD to 219.08 mm OD
Thickness	0.6mm-10mm-Gauge: 22 SWG/BWG to 10 SWG/ BWG
Stainless Steel Tube	ASTM A-213 & A-249-TP 304/304H/304L, 316/316H/316L/316Ti, TP 309, 310, 317L, 321, 347, 904 L etc.
Low Alloy Steel Tube	ASTM A 213 - T-11, T-12, T-22, T-5, T-9 etc.
Carbon Steel Tube	BS 3059 Gr. 360 / 440, SA 179, SA / ASTM A 210 Gr. A 1
Cu-Ni Tube	ASTM B 111 C70400, C70600 (90:10), C71000, C71500 (70:30), C71640
Admiralty Brass Tube	ASTM B 111 C44300, C44400, C44500, C68700
Copper & Brass Tube	ASTM B 188 C11000, C12200, C26000, C27000, C28000
Nickel Alloy Tube	Nickel, Monel, Inconel, Alloy20 etc.
Other Pipes & Tubes	ERW / CDW Boiler Tubes, Air Heater Tubes & Cold Drawn Seamless Tubes
Special Tube	Capillary Tube, Precision Tubes etc.
Form	Round, Square, Rectangle, Coil, 'U' Shap, Hydraulic Tube & Horn Tube
Length	Standard length & Cut length
Other Services	Draw, Polish (Electro & Comm.), Heat Treatment, Bending, Machining etc.
Test Certificate	Manufacturer Test Certificate as per EN 10204 / 3.1B with NACE MR 01 75
Specialize	Capillary Tube, IBR Tubes, Cu-Ni Tube
Application	Boiler, Heat Exchanger, Condenser Tube, Super Heater



Electro Polish Tube



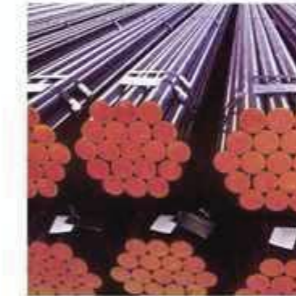
U Tube



Capillary / Instrumentation Tube



BS 3059 & SA 179 Tube



Boiler IBR Tube



Cu-Ni Tube (Cupro Nickel)



Dioxide Tube



Admiralty Brass Tube



Copper Coil with PVC Coating

BUTTWELD FITTINGS



LONG RADIUS BEND



Range	½" NB To 36" NB
Thickness	Sch 5, 10, 20, 30, 40, 60, 80, 100, 120, 140, 160, STD, XS, XXS
Dimension	ANSI B16.9, MSS-SP 43
Type	Elbow LR & SR - 45 Deg, 90 Deg, & 180 Deg, Tee - Barred, Equal, Reducing, Reducer - Concentric & Eccentric, Nipple-Swage & Barrel, Stubend - Long & Short, U Bend, End Cap, Laterals.
Stainless Steel Fitting	ASTM A 403 WP - TP 304/304H/304L, 316/316H/316L/316Ti309, 310, 317L, 321, 347, 904 L etc.
Duplex Fitting	ASTM A815 - UNS S31803, S32760, S31500
Alloy Steel Fitting	ASTM A 234 WP5, WP9, WP11, WP12, WP22 & WP91
Carbon Steel Fitting	ASTM A 234 WPB
LTCS Fitting	ASTM A-420 WPL6
MS & GI Fitting	ISI Mark
Cu-Ni Fitting	C70400, C70600 (90:10), C71000, C71500 (70:30), C71640
Nickel Fitting	UNS N02200, N02201
Monel Fitting	UNS N04400, N05500, Alloy 20
Inconel Fitting	UNS N06600, N06601, N06625, N08800, N08810, N08825
Hastelloy Fitting	UNS N10276, N06022, N10665, N06455
Non Ferrous Fitting	Copper, Brass, Aluminum
Other Form of Fitting	Dairy Fittings & Customized Fittings
Other Services	Hot Dipped Galvanizing, Polish, Heat Treatment, Sand Blasting, etc.
Test Certificate	Manufacturer Test Certificate as per EN 10204 / 3.1B with NACE MR 01 75
Specialize	IBR Fitting, Barred Tee, Customized Fittings etc.

Range	½" NB To 24" NB ANSI B 16.9
Thickness	Sch 5, 10, 20, 30, 40, 60, 80, 100, 120, 140, 160, STD, XS, XXS
Radius	3D, 5D, 6D, 8D, 10D & 20D
Type	Long Radius Bend, Piggable Bend, Hot Bend
Stainless Steel Bend	ASTM A-403 WP - TP 304/304H/304L, 316/316H/316L/316Ti, 309, 310, 317L, 321, 347, 904 L etc.
Duplex Bend	ASTM A-815 - UNS S31803, S32760, S31500
Alloy Steel Bend	ASTM A 234 WP5, WP9, WP11, WP12, WP22 & WP91
Carbon Steel Bend	ASTM A-234 WPB
LTCS Bend	ASTM A-420 WPL6
Cu-Ni Bend	C70400, C70600 (90:10), C71000, C71500 (70:30), C71640
Nickel Bend	UNS N02200, N02201
Monel Bend	UNS N04400, N05500
Inconel Bend	UNS N06600, N06601, N06625, N06617, N07718, N08800, N08810, N08825
Hastelloy Bend	UNS N06022, N10276, N10665, N06455
Alloy20 Bend	Alloy 20
Other Services	Hot Dipped Galvanizing, Sand Blasting, Etc.
Test Certificate	Manufacturer Test Certificate as per EN 10204 / 3.1B with NACE MR 01 75
Tolerance	Minimum Wall Thinning Rate and Ovality, No Wrinkles, With Required Tangent Length



IBR Fittings



Low Alloy Steel



Barred Tee



Duplex - Nickel - Monel - Inconel - Cupro Nickel - Hastelloy - Alloy 20



Carbon & Alloy steel 3D, 5D bend With Tangent Length



FORGED FITTING



Range	1/8" to 4" in LBS : 2000#, 3000#, 6000#, 9000# ANSI B 16.11
End	Socket Weld (S/W) & Threaded (SCRD)
Type	Elbow, Tee, Union, Cross, Swage Nipples, Coupling, CAP, Plug, Bushing, Boss, Insert
Stainless Steel Fitting	ASTM A 182 F - 304/304H/304L, 316/316H/316L/316Ti, 309, 310, 317L, 321, 347, 904 L etc.
Duplex Steel Fitting	ASTM A 182 - F 51 UNS S31803, S32750, S31500
Carbon Steel Fitting	ASTM A-105, IS1239PART II
LTCS Fitting	A-350 LF2
Alloy Steel Fitting	ASTM A 182 - F5, F9, F11, F12, F21, F22 & F91
Cu-Ni Fitting	C70400, C70600 (90:10), C71000, C71500 (70:30), C71640
Nickel Fitting	UNS N02200, N02201
Monel Fitting	UNS N04400, N05500
Inconel Fitting	UNS N06600, N06601, N06625, N08800, N08810, N08825
Hastelloy Fitting	UNS N10276, N06022, N10665, N06455
Alloy20 Fitting	Alloy 20
Titanium Fitting	Gr.1, 2, 3 DIN 3.7025, DIN3.7035, DIN 3.7055
Copper Alloys Fitting	C2800, C36500, C46400
Aluminum Fitting	ASTM 6061, 6063, 6351
Instrumentation Tube Fitting	Adapter, Tee, Coupling, Connector, Cross
Other Form of Fitting	Compression / Instrumentation / Hydraulic & Customized Requirement
Other Services	Hot Dip Galvanized, Heat Treatment, Galvanizing, Sand Blasting, Machining, Threading Etc.
Test Certificate	Manufacturer Test Certificate as per EN 10204 / 3.1B with NACE MR 01 75
Specialize	IBR Fitting, Swage Nipple, Customized Fitting



Duplex-Nickel-Monel-Inconel-Cupro Nickel-Hastelloy - Alloy 20 Titanium



Stainless Steel- Carbon Steel- Low Alloy Steel-Copper Alloys



Hydraulic Fittings



OUTLETS



Range	1/8" to 24" in LBS :3000 LBS, 6000 LBS and in Various Schedule
Type	Weldolet, Sockolet, Elbolet, Thredolet, Nipolet, Latrolet, Sweepolet
Stainless Steel Outlets	ASTM A 182 F - 304/304H/304L, 316/316H/316L/316Ti, 309, 310, 317L, 321, 347, 904 L
Duplex Steel Outlets	ASTM A 182 - F 51 UNS S31803, S32750, S31500
Stainless Steel Flanges	ASTM A182 - F - 304/304H/304L, 316/316H/316L/316Ti, 309, 310, 317L, 321, 347, 904 L
Carbon Steel Outlets	ASTM A-105
LTCS Outlets	A-350 LF2
Alloy Steel Outlets	ASTM A 182 - F5, F9, F11, F12, F21, F22 & F91
Cu-Ni Outlets	C70400, C70600 (90:10), C71000, C71500 (70:30) , C71640
Nickel Outlets	UNS N 02200, N 02201
Monel Outlets	UNS N 04400, N 05500
Inconel Outlets	UNS N 06600, N 06601, N 06625, N 08800, N 08810, N 08825
Hastelloy Outlets	UNS N 10276, N 06022, N 10665, N 06455
Alloy20 Outlets	Alloy 20
Titanium Outlets	Gr.1, 2, 3 DIN 3.7025, DIN3.7035, DIN 3.7055
Copper Alloys Outlets	C2800, C36500, C46400
Aluminum Outlets	ASTM 6061, 6063, 6351
Test Certificate	Manufacturer Test Certificate as per EN 10204 / 3.1B with NACE MR 01 75
Specialize	Outlets in Duplex, Nickel Alloys.



Duplex-Nickel-Monel-Inconel-Cupro Nickel-Hastelloy - Alloy 20-Titanium-Stainless Steel-Carbon Steel-Low Alloy Steel-Copper Alloys



FLANGES

Range	1/2" to 60" ANSI B16.5
Standard	LBS :150#, 300#, 600#, 900#, 1500# & 2500# Table : ASA 150 & ASA 300 = D, E, F, H, DIN; ND-6, 10, 16, 25, 40 etc
Type	Weld Neck (WNRF), Socket Weld (SWRF), Slip On (SORF), Blind (BLRF), Screwed (Threaded) Long Weld Neck (LWNRF), Lapped Joint, Reducing, Spectacle Blind
Stainless Steel Flanges	ASTM A 240 / 182 F - 304/304H/304L, 316/316H/316L/316Ti, 309, 310, 317L, 321, 347, 904 L etc.
Duplex Steel Flanges	ASTM A 182 - F 51 UNS S31803, S32750, S31500
Carbon Steel Flanges	ASTM A-105, ASTM A-694-F42, F46, F52, F60, F65, F70
LTCS Flanges	A-350 LF2, A 516 GR.70
Alloy Steel Flanges	ASTM A 182 - F5, F9, F11, F12, F21, F22 & F91
Cu-Ni Flanges	C70400, C70600 (90:10), C71000, C71500 (70:30), C71640
Monel & Nickel Flange	UNS N04400, N05500, UNS N02200, N02201
Inconel Flanges	UNS N06600, N06601, N06625, N08800, N08810, N08825
Hastelloy Flanges	UNS N10276, N06022, N10665, N06455, Alloy 20
Titanium Flanges	Gr.1, 2, 3 DIN 3.7025, DIN3.7035, DIN 3.7055
Copper Alloys & Al Flanges	C2800, C36500, C46400, ASTM 6061, 6063, 6351
Other Services	Hot Dip Galvanized, Heat Treatment, CNC Machining, Threading etc.
Test Certificate	Manufacturer Test Certificate as per EN 10204 / 3.1B with NACE MR 01 75
Specialize	IBR Flanges, Long Neck Weld Flange, Spectacle etc.



Long Weld Neck Flanges



CS & AS LARGE DIA FLANGES



Spectacle Blind A516 Gr.70



Duplex-Nickel-Monel-Inconel-Cupro Nickel-Hastelloy - Alloy 20-Titanium-Stainless Steel-Carbon Steel-Low Alloy Steel-Copper Alloys

FASTENER

Range	M10 TO M100 - Length upto 5 Mtrs
Type	Stud Bolts (Hex, Eye, Square, Frictiongrip, Structural, Foundation, U, J,) Nuts (Nylock, Lock) Washer (Star, Plain), Allen Caps, Screws (CSK, Pen Head, Philip. etc.)
Stainless Steel Fastener	ASTM A-193 & A194 Gr.B8, B8M, B8C, 8.8M, 8C etc
High Tensile Fastener	ASTM A-193 & A194 Gr.B7, B7M, B16, L7, L43, 2H, 2HM
Cu-Ni Fastener	C70400, C70600 (90:10), C71000, C71500 (70:30), C71640
Nickel Fastener	UNS N02200, N02201
Monel Fastener	UNS N04400, N05500
Inconel Fastener	UNS N06600, N06601, N06625, N08800, N08810, UNS N08825
Hastelloy Fastener	UNS N10276, N06022, N10665, N06455
Alloy 20 Fastener	Alloy 20
Titanium Fastener	Gr.1, 2, 3 DIN 3.7025, DIN3.7035, DIN 3.7055
Copper Alloys Fastener	C2800, C36500, C46400
Aluminum Fastener	ASTM 6061, 6063, 6351
Other Services	Hot Dip Galvanizing, Phosphate, Teflon, Xylon Coated, Zinc & Cadmium Plated
Test Certificate	Manufacturer Test Certificate as per EN 10204 / 3.1B with NACE MR 01 75
Specialize	Copper, Brass, SS Washer & Stud Bolts



SS 304H-316L-316Ti-310-317L-321-347-904L



Anchor Bolts



Duplex-Nickel-Monel-Inconel-Cupro Nickel-Hastelloy-Alloy 20, Al Titanium-Stainless Steel-Carbon Steel-Low Alloy Steel-Copper Alloys



SHEET & PLATE



Range	0.5mm to 150mm Thk.
Size	4' x 8', 1500 x 3000, 2500 x 10000 and in Customized size
Form	Coils, Foils, Rolls, Plain Sheet, Shim Sheet, Perforated Sheet, Chequered Plate, Strip, Flats, Blank (Circle), Ring (Flange) etc.
Stainless Steel Plate	ASTM A-240 - TP 304/304H/304L, 316/316H/316L/316Ti, 309, 310, 317L, 321, 347, 409, 410, 420, 430, 446, 904L, 202 etc.
Duplex Steel Plate	UNS S31803, S32750, S31500
Carbon Steel Plate	IS 2062, EN-8, C 45, Sail Hard etc.
Boiler Plate	ASTM 516 Gr.70
Alloy Steel Plate	ASTM A-387 - Gr. 11, Gr. 12, Gr. 22, Gr. 5 Cl. 2
High Speed Steel Plate	M2, M3, M35, M42 Etc.
Cu-Ni Plate	C70400, C70600 (90:10), C71000, C71500 (70:30), C71640
Nickel Plate	UNS N02200, N02201
Monel Plate	UNS N04400, N05500
Inconel Plate	UNS N06600, N06601, N06625, N07718, N08800, N08810, N08825
Hastelloy Plate	UNS N10276, N10665, N06455, N06022
Non Ferrous Metal	Copper, Brelfium, Brass, Lead, Phosphorus Bronze, Bi- Metals, White Metal, Antimony, Tin
Aluminum Plate	ASTM 6061, 6063, 6351
Finish	2B, 2D, HR, CR, BA (No. 8), Satin (Met with PVC Coated)
Other Services	Cutting, Bending, Forging, Rolling, Heat Treatment, Minor Fabrication
Test Certificate	Manufacturer Test Certificate as per EN 10204 / 3.1B with NACE MR 01 75
Specialize	Shim Sheet, Perforated Sheet, B. Q. Profile:



Copper & Brass Coil



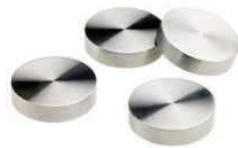
Plate



Perforated Sheet



Chequered Plate

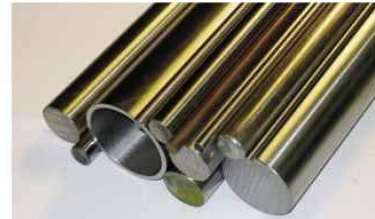


Boiler Quality Plate & Profile

BARS



Range	5mm to 500mm Dia
Length	500mm to 6000mm long and in Cut to size
Form	Round, Square, Hex (A/F), Bush, Rectangle, Flat, Block, Billet, Ingot etc.
Stainless Steel Bar	ASTM A-479, A182 F 304/304H/304L, 316/316H/316L/316Ti, 309, 310, 317L, 321, 347, 409, 410, 420, 430, 440 (A,B,C) 446, 904L, 202 etc.
Other Grade Bar	17-4 PH, 15.5 PH, 4122 etc.
Duplex Steel Bar	A182 F51, F53 UNS 2205 / S31803, S32750, S31500
Carbon Steel Bar	A 105, LF 2
Alloy Steel Bar	ASTM A-182 F11, F12, F22, F5, F9, F91
High Speed Steel Bar	M2, M3, M35, M42, T-1, T-4, T-15, T-42
HCHCR & OHNS Bar	D2, D3, H11, H13, OHNS-01 & En52
Cu-Ni Bar	C70400, C70600 (90:10), C71000, C71500 (70:30), C71640
Nickel Bar	UNS N02200, N02201
Monel Bar	UNS N04400, N05500
Inconel Bar	UNS N06600, N06601, N06625, N08800, N08810, UNS N08825
Hastelloy Bar	UNS N10276, N06022, N10665, N06455
Non Ferrous Metal Bar	Copper Bar, Brass Bar, Lead Bar, Phosphorus Bronze Bar, Gun Metal Bar
Aluminum Bar	ASTM 6061, 6063, 6351
Finish	Bright, Polish & Black
Other Services	Forging, Rolling, Casting, Machining (CNC), Centreless Grinding (CG), Heat Treatment, Polish, Anodising, Cutting, Bending
Test Certificate	Manufacturer Test Certificate as per EN 10204 / 3.1B with NACE MR 01 75
Specialize	Customized Machining, 17-4PH, 440C, CG, Forging, IBR Approved, Copper E/c Grade



Bright Bar



Forged Bar



Cu-Ni & Copper Alloys



Duplex-Nickel-Monel-Inconel-Cupra Nickel - Hastelloy-Alloy 20 Titanium-Stainless Steel-Carbon Steel-Low Alloy Steel -Copper Alloys



Square / Hex Bar



Forging

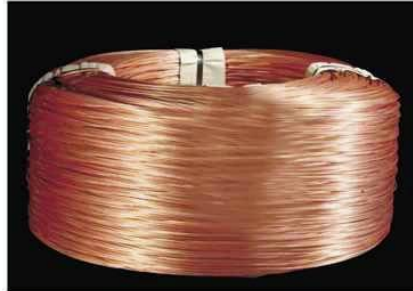


Bronze Bar

Range	Dia 50swg to 4swg in Coil Form
Stainless Steel in Grade	304, 304L, 304H, 308, 308L, 309, 309L, 310, 312, 316, 316L, 316H, 317L, 347, 347L etc.
Nickel Alloy	Nichrome, Kanthal, Cupro Nickel, Hastelloy, Nickel, Monel, Inconel, Alloy 20 etc.
Non Ferrous Metal	Copper, Brass, Aluminium, Phosphorus Bronze etc.
Form	Coil, Wiremesh, Filler Wire, Electrode Rod, Brazing Rod etc.
Specialize	Nichrome, Nickel Alloys & Wiremesh



WIREMESH A



Duplex-Nickel-Monel-Inconel-Cupro Nickel-Hastelloy-Alloy 20, Titanium-Stainless Steel-Copper-Brass-Aluminium-MS-GI

VALVE

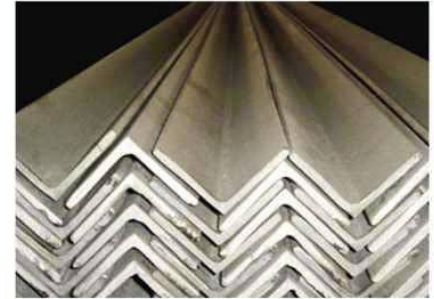
Range	15NB To 500NB -ASA 150, 300, 600,900,1500 Etc
Stainless Steel in Grade	202, 304, 316 Etc.
Forged Carbon Steel	ASTM A 105
Other	Cast Iron, Gun Metal, Alloy Steel etc.
Type of Valve	Check, Gate, Globe, Needle, Butterfly, Ball, Plug, Strainer (Y) Stop, Non Return, Diaphragm, Safety Etc.
Test Certificate	EN 10204 3.1 MTC, IBR TC, with 3rd Party Inspection with NACE MR 01 75



IBR VALVE



Reinforcing Steel Bar with Fusion Bonded Epoxy Coating



Angle

Product	Flat, Angel, Channel, Beam, Tee, Tray, Torr etc.
Steel bar	IS 2062
Stainless Steel in Grade	304, 304L, 304H, 316, 316L, 316H, 202. Etc
Non Ferrous Metal	Copper, Brass, Aluminium
Coating	Hot Dipped Galvanized



Syphon Tube

M.O.C	Ss304, SS316, Carbon Steel And P22
End Connection	Male / Female Threaded, Butt Weld & Socket Weld
Rating	Up to 210 Kg / Cm ²



Strainer

STRAINERS	HOSE SS CORRUGATED	WATER LEVEL GAUGE
THERMOWELL	FLEXIBLE HOSE	PRESSURE GAUGE



Condensate Pots

SYPHON	BELLOW	QUICK RELEASE COUPLING
CONDENSATE POT	FILTERS	CAPSTAIN WATER METERS



Nylon Teflon Hylem Products

GASKET	HYLEM ROD	SPRING
NYLON ROD, SHEET, BUSH	TEFLON	TOOLS