

## Ferritic Piping Solutions

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FerroPipe

## Seamless Pipes and Tubes

## EN 10083-2 Grade C30E

CARBON  
STEEL

Seamless steel circular quenched and tempered tubes

## Material Description

EN 10083-2 Grade C30E Carbon Steel Seamless Pipes and Tubes are Medium Carbon Steel Pipes and Tubes with 0.27-0.34 % carbon content with combination of 0.50-0.80 % manganese. EN 10083-2 Grade C30E Carbon Steel Seamless Pipes and Tubes are most commonly used for general purpose applications worldwide. EN 10083-2 Grade C30E Pipes and Tubes are ductile and strong Pipes and Tubes with long wearing properties. These Pipes and Tubes are manufactured as per EN Specification and commercially referred as carbon steel Pipes and Tubes.

## Chemical Properties

| Carbon    | Silicon  | Manganese | Phosphorous | Sulphur | Molybdenum | Nickel   | Chromium | Copper | Other Elements |
|-----------|----------|-----------|-------------|---------|------------|----------|----------|--------|----------------|
| 0.27-0.34 | max 0.40 | 0.50-0.80 | 0.035       | 0.035   | max 0.10   | max 0.40 | max 0.40 | -      | -              |

## Mechanical Properties

| Yield Stress (0.2% Offset) |         | Tensile Strength |         |         | Elongation |
|----------------------------|---------|------------------|---------|---------|------------|
| min MPa                    | min MPa | min MPa          | max MPa | min ksi | A5 min     |
| 280                        | -       | 510              | -       | -       | 20         |

## Production Programme

The diameter, tolerances and surface finish of component are the same as those stated for the full length tube.  
Outer diameter: 6.25-1800mm Nominal Dia: 1/4"-72"  
Schedule: 10 - XXS / Thk 1mm-150mm  
Single random Lengths: 4-7 meters  
Double random Lengths: 7-13 meters  
Chamfering can be done at fixed lengths.  
Pipes are externally varnished with black paint or Bare.  
Hot deep Galvanised Pipes with threaded ends are provided.

## Certifications

Pipes and Tubes manufactured as per EN 10083-2 Grade C30E are certified with En 10204 Type 3.1/3.2. IBR, NACE, HIC, IGC, IMPACT are adhered as supplementary testing requirements.

## Product Marking

Each Pipe/tube is marked with tube type, heat number, steel grade and size. Other markings, such as stamping, can be made on request.

## Reference Documents

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## Related Keywords

Carbon Steel Pipe And Tube, Ferritic Steel Pipe And Tube, Carbon Steel Seamless Pipe And Tube, En 10083-2 Grade C30E Seamless Pipe And Tube, C30E Pipe And Tube, Seamless Steel Pipe And Tube, Ferritic Carbon Steel Pipe And Tube, En 10083-2 Seamless Pipe And Tube, Seamless Pipe and Tube, Steel Pipe and Tube

## Equivalent Designation

|                                            |                         |
|--------------------------------------------|-------------------------|
| European Standard<br>EN 10083-2 Grade C30E | DIN Specification<br>-  |
| ASME Specification<br>-                    | ASTM Specification<br>- |
| British Standard<br>-                      | Japanese Standard<br>-  |

Pipes Make: ISMT, MSL, JSL, TATA, BHUSHAN, JINDAL, SUMITOMO, TENARIS, ARCELOR MITTAL

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India's Largest Stockist &amp; Dealers of Carbon Steel Pipes &amp; Alloy Steel Pipes

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