ASTM A179 Heat Exchanger Tubes

ASTM A179/A179M, ASME SA179/SA179M is the standard applicable to Seamless cold drawn low carbon steel heat exchanger and condenser tubes.

ASTM A179 Standard require minimum-wall thickness, seamless cold-drawn low-carbon steel tubes for tubular heat exchangers, condensers, and similar heat transfer apparatus.

ASTM A179 Tubes Shall conform to the applicable requirements of the current edition of Specification A 450/A 450M, unless otherwise provided herein.

Applications:
For Tubular heat exchangers, condensers, and similar heat transfer apparatuses.

ASTM A179 tube Chemical compositions

<table>
<thead>
<tr>
<th>Chemical Components (%)</th>
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<tbody>
<tr>
<td>C</td>
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<tr>
<td>0.06-0.18</td>
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ASTM A179 tube Mechanical Properties

<table>
<thead>
<tr>
<th>Mechanical properties</th>
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<tr>
<td>Tensile Strength (Mpa)</td>
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<tr>
<td>≥325</td>
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ASTM A179/ASME SA179 Tube Wall Thickness Tolerance

<table>
<thead>
<tr>
<th>Seamless, Cold-Finished Tubes</th>
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<tbody>
<tr>
<td>Outside Diameter, ln.(mm)</td>
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<tr>
<td></td>
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<tr>
<td>1 ½ (38.1) and under</td>
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<tr>
<td>Over 1½ (38.1)</td>
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Normally Size:
OD. (In.(mm)): 3/4"(19.05mm); 1"(25.4mm); 1¼”（31.75mm）, 1½"(38.1mm)
2" (50.8mm); 2½” (63.5mm); 3" (76.2mm)
Wall Thickness (BWG (mm)): 16BWG (1.651mm); 14BWG(2.108mm); 12BWG(2.769mm); 10BWG(3.404mm); 8BWG(4.191mm)

Length (Ft:mm)): 16Ft(4877mm); 20Ft(6096mm); 24Ft(7315mm) and other fixed length like 6000mm, 12000mm, Max length is 28000mm. also U bending tubes can be offered.

Read more information of related products

- ASTM A179 Heat exchanger tubes
- ASTM A179 / ASME SA179 Seamless tubes
- ASTM A179, ASME SA179 Seamless cold drawn tubes
- ASTM A92 / ASME SA192 Seamless boiler tubes
- ASTM A210 / ASME SA210 GRADE A1 Seamless tubes
- ASTM A210 / ASME SA210 GRADE C Seamless tubes
- ASTM A519/ASME SA519 Grade1010 Seamless tubing
- ASTM A519/ASME SA519 Grade 1020 Seamless tubing
- ASTM A519/ASME SA519 Grade1026 Seamless tubing
- ASTM A519/ASME SA519 Grade 1035 Seamless tubing
- ASTM A519/ASME SA519 Grade 1045 Seamless tubing
- ASTM A519/ASME SA519 Grade 4130 Seamless tubing
- ASTM A213 T11 T12 T22 Seamless alloy tubes
- ASTM A 213/A 213M T2, T5, T5b, T9, T91 Seamless Alloy Steel tubes
- ASTM A335 P1, P2, P5, P9 Seamless alloy pipes
- ASTM A335 P11, P12, P22, P91 seamless alloy pipes
- EN10305-1 Seamless cold drawn tubes

ASTM A179 Heat Exchanger Tubes
Read more information of CTS TUBES main products

- Seamless carbon steel tubes
- Cold drawn precision steel tubes
- Seamless alloy steel tubes
- Copper alloy seamless tubes
- Titanium and titanium alloy tubes
- Stainless steel tubes
- U bent heat exchanger tubes
- Fin tubes
- Bearing steel tubes

Get in Touch

If you are interested in our products or cooperation with us, even having a comment or a suggestion, please contact us now for more detailed information.

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