

minimum, yield strength 175 N/mm² minimum, 25 percent minimum elongation; inside of tube having copper plating 3 micrometer minimum thickness, outside of tube having yellow zinc dichromate plating;

- (cdv) galvanized welded steel circular tubes, designated as A-634; the foregoing with plain square cut ends produced in accordance with ASTM A120 (E-H); outer diameter 19.30 mm to 28.60 mm, 31.40 mm to 44.40 mm, 46.00 mm to 62.40 mm, 71.00 mm to 91.00 mm, 99.50 mm to 116.40 mm or 139.10 mm to 170.40 mm; inside diameter 14.10 mm to 21.30 mm, 25.00 mm to 37.50 mm, 39.20 mm to 54.91 mm, 61.10 mm to 80.50 mm, 88.50 mm to 105.00 mm or 126.50 mm to 157.00 mm, respectively; wall thickness 2.00 mm to 2.90 mm, 3.00 mm to 3.50 mm, 3.51 mm to 3.80 mm, 4.70 mm to 5.40 mm, 5.41 mm to 5.85 mm or 5.86 mm to 6.90 mm, respectively; 2,962 mm to 3,063 mm in length; chamfered to eliminate sharp edges on both ends; zinc coating on the outside to a thickness of 0.02 mm to 0.05 mm; physical properties: elongation 45 to 50 percent; hardness 58 to 72 Rockwell B; AISI C1012; having the following chemical composition (percent by weight): iron 97 to 99, carbon 0.25, manganese 0.99; phosphorus 0.035, sulfur 0.035, zinc coating 0.50 to 0.99 and aluminum 0.01 to 0.10;
- (cdvi) coated brazed double wall steel tubing of circular cross section, designated as A-641; the foregoing with tubing characteristics: outer diameter not greater than 8 mm; wall thickness not greater than 0.7 mm; having the following chemical composition (percent by weight): 0.15 maximum carbon, 0.60 maximum manganese, 0.05 maximum phosphorus and 0.05 maximum sulfur; tubes coated with the following materials, in order from the innermost material: zinc plating minimum 13 micrometer thickness, primer coating of approximately 10 micrometer thickness, Polyamide 11 coating thickness of 10 micrometer to 200 micrometers (mechanical properties of Polyamide 11 (nylon coating): specific gravity of 1.03 at 23 °C; melt point of 183 to 187 °C; yield strength of 42 MPa; yield elongation of 8 percent, ultimate strength of 53 MPa; ultimate elongation of 300 percent and Rockwell hardness of 108); polypropylene coating thickness 0.60 mm to 1.3 mm;
- (cdvii) coated welded single wall steel tubing of circular cross section, designated as A-641; the foregoing with tubing characteristics: outer diameter not greater than 8 mm; wall thickness not greater than 0.7 mm; having the following chemical composition (percent by weight): 0.15 maximum carbon, 0.60 maximum manganese, 0.05 maximum phosphorus and 0.05 maximum sulfur; tubes coated with the following materials, in order from the innermost material: zinc plating minimum 13 micrometer thickness; primer coating of approximately 10 micrometer thickness; Polyamide 11 coating thickness of 10 micrometer to 200 micrometer, the mechanical properties of Polyamide 11 (nylon coating) are as follows: specific gravity of 1.03 at 23 °C; melt point 183 to 187 °C; yield strength 42 MPa; yield elongation 8 percent; ultimate strength 53 MPa; ultimate elongation 300 percent; Rockwell hardness of 108;
- (cdviii) coated welded single wall steel tubing of a circular cross section, designated as A-641; the foregoing with tubing characteristics: outer diameter not greater than 12 mm, wall thickness not greater than 0.9 mm; having the following chemical composition (percent by weight): 0.15 maximum carbon, 0.60 maximum manganese, 0.05 maximum phosphorus and 0.05 maximum sulfur; tubes are coated with the following materials, in order from the innermost material: zinc plating minimum 13 micrometer thickness, primer coating of approximately 10 micrometer thickness, Polyamide 11 coating thickness of 10 micrometer to 200 micrometer (mechanical properties of Polyamide 11 (nylon coating) are as follows: specific gravity 1.03 at 23 °C; melt point 183 to 187 °C; yield strength 42 MPa; yield elongation 8 percent; ultimate strength 53 MPa; ultimate elongation 300 percent; Rockwell hardness of 108); polypropylene coating thickness of 0.60 mm to 1.3 mm;
- (cdix) coated welded single wall steel tubing of circular cross section, designated as A-641; the foregoing with tubing characteristics: outer diameter not greater than 12 mm, wall thickness not greater than 0.9 mm; having the following chemical composition (percent by weight): 0.15 maximum carbon, 0.60 maximum manganese, 0.05 maximum phosphorus and 0.05 maximum sulfur; tubes coated with the following materials, in order from the innermost material: zinc plating minimum 13 micrometer thickness, primer coating of approximately 10 micrometer thickness, Polyamide 11 coating thickness of 10 micrometer to 200 micrometer; mechanical properties of Polyamide 11 (nylon coating): specific gravity of 1.03 at 23 °C, melt point 183 to 187 °C; yield strength 42 MPa; yield elongation 8 percent; ultimate strength 53 MPa; ultimate elongation 300 percent; Rockwell hardness of 108;
- (cdx) nonalloy steel pipe, designated as A-698; the foregoing with outside diameter 49 mm or more but not over 195 mm; wall thickness 0.64 mm or more but not over 1.1 mm; pressure rating of 12 bar or more but not over 25 bar; with components of ball-and socket fittings of non-alloy steel welded to each end (the ball on one end of the pipe and the socket on the opposite end) such that one pipe is capable of being attached to another of the same diameter by means of the ball-and-socket connection and secured by a lever closure; the entire outer surface of which has been galvanized;
- (cdxi) galvanized rectangular hollow sections, designated as A-751; the foregoing welded, complying with ASTM A500, but having a minimum yield strength of 450 MPa and galvanized, with a smooth in-line galvanized external zinc coating of 100 g/m² or more but not over 200 g/m² (0.60oz/ft²); galvanizing applied after welding with the zinc coating further