

The present invention provides a metal pipe coated on at least a section of the metal pipe with a polyolefin coating system, wherein the system consists of the following layers: (a) optionally, a corrosion protective layer of a chromate, phosphate or other salt; (b) a polyolefin based adhesive, preferably in a thickness of 0.3-5 mm; (c) a PE or PP coating layer, preferably in a thickness of 1-10 mm; (d) optionally, an adhesion promoting layer between the polyolefin based adhesive and a PF, or PP layer; wherein the polyolefin based adhesive contains an organic phase consisting of substantially saturated hydrocarbons, and wherein the adhesive contains amorphous polypropylene, ethylene-propylene copolymers or poly(iso)butylene (co)polymers, said adhesive being flowable when a pressure of 10 kgf/cm<sup>2</sup> is applied, wherein the PE or PP coating is a continuous layer over the coated section, and wherein said polyolefin based adhesive adheres to both the metal pipe and to said PF, or PP coating.