

The revolution of PVC riser pipes

Pancera Tubi e Filtri has developed a new and effective system to connect PVC riser pipes and submersible pumps. The Easy Pump System results from the combination of experience and technical application.

The Easy Pump System makes use of a PVC pipe supplied with a previously installed PVC sleeve at one end and an inox threaded joint – especially for the submersible pump – at the other end. If the riser pipe connection is larger or smaller than the pump thread, the inox joint can be adjusted at both sides as it can be supplied with one thread that fits that of the riser pipe and the other that fits the pump thread.

Up to the ground surface the rest of the riser pipes are threaded with one PVC sleeve previously installed at one end. The real innovation of these products, however, is the Systemblock. The sleeves and joints with Systemblock are equipped with an insert that prevents them from loosening or unscrewing due to vibration, torsion and the frequent switching on and off of the pump.

The Systemblock is supplied from riser pipes with diameters of 75 to 225mm, whereas the pipes of 48 and 60mm diameter have sleeves and joints without Systemblock, because the power of the pumps that can be connected to such small pipes does not require this kind of system. In this case the rub gasket ('O' ring) that is inside the sleeves and joints tightens when screwing the pipes and offers enough resistance.

All the PVC sleeves are supplied in total with two rub gaskets that ensure the wet seal. PVC riser pipes are an alternative to galvanised, inox and polyethylene riser pipes. They are made of high quality rigid PVC that has physical and chemical features that assure the maximum collapse resistance and tensile strength.

The strict crush tests carried out on the PVC bars produced no damage or buckling. Inside the pipes, walls are completely smooth and they do not reduce. The features of the material make these products light, easy to handle and resistant to corrosion and stray currents. The pipes have a good hydraulic index that results in minimum fluid loss and lower pumping costs.

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Easy Pump System



Systemblock



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