Email : sales@scilabexport.com
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Product Name :

Coupler PP Comp, HDPE 110mmxflng 4"O/ND-P

Product Code :

SLE/WDF/13



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Description :

Coupler PP Comp, HDPE 110mmxflng 4"O/ND-P (Product Code: SLE/WDF/13) is a polypropylene flanged coupling used to connect a 110 mm HDPE water pipe to 4-inch flanged GI pipework, valves or fittings. One end grips the HDPE pipe with a compression joint and the other is a flange, and the coupler is rated for 10 bar at 20°C, so pump-house and valve-chamber installers can move between plastic and metal lines. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Fitting type	Flanged coupling: compression end for HDPE pipe, flanged end for G.I. pipes or fittings
Outside/nominal diameters	110 mm (HDPE) x 4" (GI)
Material	Reinforced, high-impact-strength polypropylene, UV stabilised
Pressure rating	10 bar at 20°C
Temperature range	0 to 50°C
Product code	SLE/WDF/13
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the HDPE-to-Flange Compression Coupler Used For?

Many water networks run in HDPE underground but meet metal at pump houses, storage tanks, meters and valve chambers, where equipment usually has flanged connections. The Coupler PP Comp, HDPE 110mmxflng 4"O/ND-P bridges that change: the 110 mm HDPE pipe is pushed into the compression end and locked by tightening the nut, while the flanged end bolts to a 4" GI flange or flanged fitting.

Because the joint is mechanical, it can be made without fusion-welding equipment, and the flanged side can later be unbolted for maintenance. Cut the HDPE pipe square, chamfer and clean the end, mark the insertion depth, and tighten the compression nut firmly. On the flange side, use a suitable gasket and tighten the bolts evenly in a cross pattern so the plastic flange is not distorted.

What to Specify When Ordering

- The drilling pattern of the mating 4" GI flange or equipment, so compatibility can be checked.
- Whether bolts, nuts and a gasket are needed with the coupler.
- The quantity, one per HDPE-to-flange connection.
- Operating pressure and temperature, which should stay within 10 bar at 20°C and 0 to 50°C.

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