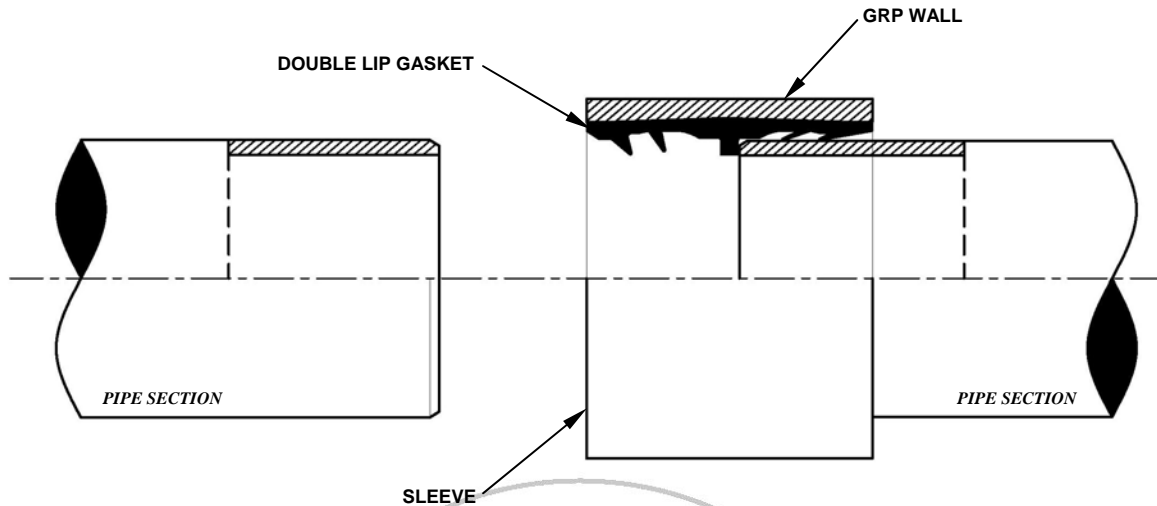


Technical specification: Sleeve joint with double lip gasket (MAN)



Joint classification: mechanical, slightly flexible.

Material (GRP): “E” glass rovings and woven rovings impregnated with resin (orthophthalic or isophthalic).

Description: resin-impregnated glass fibres layers are stratified directly on an EPDM rubber gasket fixed on a cylindrical mould of proper length and diameter. The GRP sleeve wall thickness is function of the design data. Hydraulic tightness is guaranteed by the particular double lip shape of the gasket.

Applications: used in buried piping systems with or without pressure for civil applications as sewerage and irrigation systems. The piping to be jointed by the sleeve coupling are available with stiffness class SN5000 (Type 5000) and SN10000 (Type 10000). The standard range of nominal diameters and pressure ratings available are indicated in the table below.

Nominal diameter [mm]	Product type code	Pipe stiffness class [Pa]	Nominal pressure [bar]
DN300 ÷ DN900	Type 5000	SN5000	PN1 ÷ PN16
DN400 ÷ DN900	Type 10000	SN10000	PN1 ÷ PN20

Other pipe diameters, pressure ratings and stiffness classes can be supplied upon request.

Plus

- Quick assembly;
- Ideal to substitute the traditional mechanical couplings (Helden, Teekay, Straub, Reka, etc..) in order to obtain an homogeneous pipeline concerning materials and corrosion resistance;
- Small misalignments absorption during installation ($1,5^{\circ} \div 3,0^{\circ}$ related to the diameter);
- Possibility of connection with other material fittings (i.e. steel);
- Possibility of connection with pipes cut to size on site.