

Installation of the DIG Gland

IP/Installation Procedure for DIG Gland

This instruction details the installation procedure to correctly install fibre into the DIG Gland.

The DIG Gland allows you to install up to 36 individual fibres and a 2mm cable/tube in a 16mm O/D duct.

Tools

1. Flat Blade Screwdriver (or nut driver)	2. Gland Spanner Tool
PN: N/A 	PN: XBFSC00250 

Precautions and Warnings

- ! This guide is only valid for products purchased from or approved by Prysmian.
- ! During this procedure all local Health & Safety statutory regulations must be adhered to.
- ! This installation should only be carried out by suitably trained competent persons.

Installing the DIG Gland

Step 1



Place the gland parts onto the duct in the order shown ready for installation. If needed tighten the jubilee clip onto the duct to stop the parts sliding down.

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Step 2



The outside face of the seal has a ring on it. This face points to the outside of the gland.

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Step 3



Holding the top part of the seal with the grooved face pointing outwards push the first fibre through one of the holes in the inner circle. Once this or any fibre has been pushed through do not remove the fibre. Any opened-up holes that are not used will compromise the seal.

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Step 4



The fibre will easily push through the thin piece of rubber inside the seal. Pull the required amount of fibre through the seal.

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Step 5



Continue pushing fibres through the holes starting from the inside group of holes and working outwards.

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Step 6



Grease the seal body that has already been installed on the end of the 16mm sub duct, ready for the fibre seal to be installed into it. This should be rubbed around the inside of the recess in the seal.

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Step 7



Now push the fibre seal into the seal body already installed onto the sub duct. Ensure the top of the seals are flush. Once this has been completed. Install the split washer on top of this seal.

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Step 8



Now that the fibres have been sealed, you can assemble the top half of the gland.

Start by greasing the threads on the gland body and place three washers onto it.

Installing the DIG Gland

Step 9



Thread the fibres through the gland body and insert the seal making sure not to trap any fibres inside the gland body.

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Step 10



Slide the anti-torsion piece and nut up to the gland body, do not fully tighten. Ensure that the duct is fully inserted into the rubber seal and that the anti-torsion piece is locked onto the gland body and cannot turn. Now the gland nut can be fully tightened. Tighten until there is no movement in the three washers.

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Step 11



Place the jubilee clip over the end of the anti-torsion piece and rubber seal and fully tighten.

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Step 12



Once the gland has been assembled it can be inserted into the required port in the base. Ensure that the duct is pushed fully into the seal. A click noise can be heard when it is seated correctly.

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