



Plasson Fusamatic Polyethylene to Nylon (Polymide) Fittings for 400kPa Natural Gas Applications



Vinidex introduce the new fully approved and tested system for connections between polyethylene and polyamide (nylon) 400 kPa pipe systems.

Approved for use by Jemena for connection to PE pipes and for connections to 400 kPa nylon pipes following evaluation of PE/nylon bonding:

- Resistance to Internal Pressure Tests: AS 1667 and AS 2944
- Resistance to Internal Pressure Tests: AS/NZS 4129 (Int.) 1997
- Ramp pressure tests (Plasson internal tests)
- Peel testing of electrofusion joints: BS 7336 : 1990
- Cohesive Strength for Assemblies: AS/NZS 4129 (Int.) 1997
- Full joint tensile tests (Plasson internal tests).

The 9619 PE/Nylon series is based on the new Plasson Fusamatic 9630 monoblock electrofusion saddle system incorporating the following outstanding features:

- 9619 Tapping saddle outlet is factory fitted with a moulded nylon adaptor - Permits direct connection to nylon pipes using approved adhesive systems for 400 kPa gas systems.
- Each fitting supplied in a sealed PE bag complete with weld record (PE-nylon), and full instructions for fitting and using the new gas tight 9630mb saddle system.
- Gas tight under pressure tapping system. Patented new Plasson system ensures controlled cutting in a gas free environment.
- Cutter depth control system: ensures cutter only cuts through top of the pipe.
- Coupon retention: Cutter has absolute coupon retention. Solid cutter. (Plasson internal tests).
- Tamper proof sealing cap. Ratcheted cap means the nut cannot be reopened by hand. Electrofusion caps are available for totally secure systems – Cat. No. 9830.
- Monolithic saddle: The top section is fully moulded to the saddle – lower profile requires less trench depth.
- Moulded understrap for sizes to 63mm – reduces bolt numbers from 4 to 2 – faster installation. Sizes from 75 to 180mm have underparts with 4 bolts. Clamping kits or top loading devices are not required. Minimises requirements for expensive tools.

For more information

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Plasson 9619 PE/Nylon Saddle Fitting

PE saddle sizes:

40 to 200mm 40 in 9630mb style

Nylon outlet sizes:

Either 18mm (Female) or 50mm (OD spigot) factory welded to 32mm offtakes on 9630mb Plasson electrofusion saddles. Common sizes appear below.



Plasson 9119 Nylon Coupling Fitting



Size PE x Nylon	Vinidex Code
40 x 18 (F)	71499
40 x 50 (M)	64064
50 x 18 (F)	64065
50 x 50 (M)	64066
63 x 18 (F)	64067
63 x 50 (M)	64068
90 x 18 (F)	64069
90 x 50 (M)	64070
110 x 18 (F)	64071
110 x 50 (M)	64072
160 x 18 (F)	64073
160 x 50 (M)	64074
180 x 18 (F)	64089
180 x 50 (M)	64091
200x 18 (F)	64087
200 x 50 (M)	64114

Size PE x Nylon	Vinidex Code
20PE(M) x 18(F) Nylon	74134
20PE(M) x 23(F) Nylon	71631
25PE(M) x 18(F) Nylon	86990
32PE(M) x 18(F) Nylon	86992
40PE(M) x 40(M) Nylon	86991
63PE(M) x 40(M) Nylon	71632
63PE(M) x 50(M) Nylon	71633

Jemena Say:

"Approval has been given to add the following component to the Jemena Approved Materials List:

18mm F Nylon Glue-in x 20mm PE E/F Transition Adaptor.

The adaptor eliminates both female PE mechanical adaptors but more importantly the nylon threaded end connector and the need to use Loctite tape and paste."

On one side it has a 20, 25 or 40mm PE spigot to which a Plasson 20, 25 or 40mm electrofusion coupler can be used to make connections to the PE side. On the other side it has an 18(F) or 40(M) mm nylon outlet for connecting nylon pipe. Other PE/Nylon products can be manufactured - please inquire.

Other products in the range of the Plasson Adaptor Systems:

Plasson adaptor systems for connections between pipes made from polyethylene, steel, PVC, copper, polybutylene, PEX and polypropylene. Connections to BSP threads, flanges and valves. For more information contact Vinidex Pty Ltd.

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