

# 4N Tapping Bands and Self-tappers for Polyethylene Pipe

Technical Guide W9.3

Manufactured from glass reinforced noryl resin, 4N tapping bands offer a strong but light weight alternative to traditional metal tapping bands. Rated to PN16 water at 20°C, these fittings are designed for use on polyethylene pipe.



## Application

Water service connections

Live tapping of PE pipe

## Product Attributes

Light weight

Colour coded black for easy identification for use with PE pipe

## Approvals / Standards

AS/NZS4129 – Fittings for polyethylene (PE) pipes for pressure applications.

AS/NZS4793 – Mechanical tapping bands for waterworks purposes

Watermark approval

Water Services Association of Australia (WSAA) approval

## Quality

Product Certification through Australian Certification Services, Certificate of Conformity No. 3004 for compliance with AS/NZS4129.

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## Application

Suitable for use on polyethylene pressure pipe manufactured in accordance with AS/NZS4130. Rated at PN16 for use with potable water but can also be used in irrigation or applicable waste water applications.

Option for self-tapping tee for live tapping of PE pipes. 125 and 180mm supplied as a complete unit – self tapping ferrule is not available separately. For the 63mm saddle the Talbot tapping ferrule should be used.

## Approvals / Standards

- AS/NZS4129 – Fittings for polyethylene (PE) pipes for pressure applications.
- AS/NZS4793 – Mechanical tapping bands for waterworks purposes
- Watermark approval
- Water Services Association of Australia (WSAA) approval
- WaterCare Services Auckland, Hamilton City Council, Hastings District Council, Napier City Council, Wanganui District Council, Marlborough District Council.

## Product Attributes

- Light weight
- Colour coded black for easy identification for use with PE pipe
- Captive bolt and 316 SS nuts coated in anti-galling compound
- Two bolt assembly
- E-lip profile seal provides broad seal area
- Tapered thread outlet suitable for tapered male threaded fittings only

## Attributes for Self-Tapper

- Tapping cutter included
- No swarf produced by cutter
- PE compression fitting included for direct connection to 25mm OD PE pipe

## Materials

- Body:  
Noryl glass reinforced resin
- Bolts, nuts & washers:  
Grade 316 stainless steel, dry molybdenum coated
- Elastomeric seal ring:  
E-lip moulded seal EPDM rubber
- Reinforcing ring:  
Grade 316 stainless steel



FIG. 1 4N tapping band for PE pipe



FIG. 2 4N self-tapper

**TABLE 1 Range and Product Code**

<b>Product Code</b>	<b>Size</b>	<b>Description</b>
ODF-S6320	63mm X 20mm	63mm Ø main x 20mm threaded female boss
ODF-S12520	125mm X 20mm	125mm Ø main x 20mm threaded female boss
ODF-S12550	125mm X 50mm	125mm Ø main x 50mm threaded female boss
ODF-S18020	180mm X 20mm	180mm Ø main x 20mm threaded female boss
ODF-S18050	180mm X 50mm	180mm Ø main x 50mm threaded female boss
ODF-ST12525	125mm X 25mm	125mm Ø main with self-tapping ferrule & PE compression fitting to suit 25mm OD pipe
ODF-ST18025	180mm X 25mm	180mm Ø main with self-tapping ferrule & PE compression fitting to suit 25mm OD pipe

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