



Description

WPX is a wall plug made of polyethylene, intended for light-weight fittings in most building materials. The plug is specially suited in applications where shear loads are dominating. For applications dominated by pull-out loads, or by high temperatures, metal fixings are recommended.

WPX has a smooth surface to get high friction against the wall of the drill hole. Four slits spread the radial expansion in all dimensions. The plug has collar and wings to prevent it from rotating and sinking into the hole. Each plug can take several different screw dimensions.

The WPX plugs have a unique Colour Code system to identify each plug size. The Colour Code applies both to the plugs themselves and to the cartons. The Colour Code has been registered as a trade mark in all EU countries.

Material and Operative data

Material	PE-HD (HD polyethylene)
Colour spec.	<ul style="list-style-type: none"> • Blue • Brown • Yellow • Red
Temperature range	From -50°C to +80°C

Mounting instruction

Instructions for drill and screw dimensions are printed on the package. This information can easily be modified according to customer requirements.

Product Environmental Facts

Product Environmental Facts are available on PI@net.

Package info

Package information is included in the Prodat file, which is available in the SAP system. Package information can also be obtained from the responsible factory.

Technical data

Type	Drill Ø mm	Min. drill depth mm	Screw Ø mm	Screw No.
5.5/23	5–5.5	25	3.5–4.2	6, 8
5.5/32	5.5–6	40	3.5–4.8	6, 8, 10
7/38	7–8	45	4.8–5.5	10, 12
10/46	10	50	5.5–6	12, 14

Plug range

Type	Colour	Dimensions Ø/L, mm	Qty per package	EAN code	Internal ID No.	Ref. No.
Wall plugs						
Plug for light-weight fittings in most building materials. Suitable in applications where pull-out loads dominate.						
Material: PE-HD.						
WPX 5,5x23	Yellow	5.5/23	100	7332418018418	20057723	1090 600
WPX 5,5x32	Red	5.5/32	100	7332418018425	20057724	1090 605
WPX 7x38	Brown	7/38	100	7332418018432	20057725	1090 610
WPX 10x46	Blue	10/46	100	7332418018449	20057726	1090 615
WPX 5,5x32 big-pack	Red	5.5/32	25000	—	20057747	1090 720
WPX 7x38 big-pack	Brown	7/38	20000	—	20057748	1090 725

Wall Plugs, TP



Basic Data

Suitable for

Concrete, stone, lightweight concrete, expanded clay, hollow blocks, hollow bricks, solid bricks and plasterboard.

Applications

For most applications where shear forces dominate.

Advantages

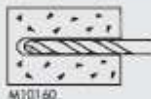
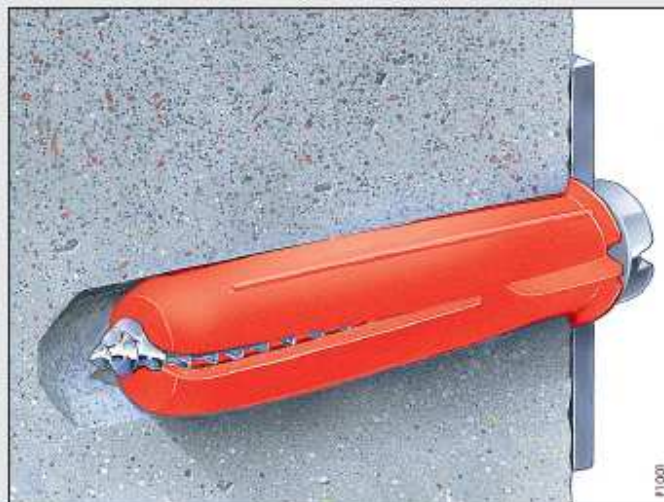
- Double expanding
- High load values
- Easy to install
- Recognisable colour codes
- Self centering design for screw
- Wide operating temperature range.

Material:

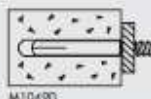
PE (polyethylene HD).

Temperature Range:

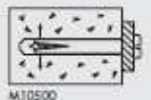
- 50 To + 80°C.



Drill the hole in accordance with the table and install the plug. In plasterboard – make a hole using a drill or an awl. The hole should be a press fit for the plug. Use TP 1 yellow for a single sheet and TP 2 red for double sheets.



Fix with a screw long enough to penetrate through the whole length of the plug and fixture.



The mounting is ready and the screw has expanded the plug in the correct way.

Range/Technical Data

Type	Colour	Article T	Drill Diameters				Maximum load using largest screw Shear/pull-out kN		
			Concrete + brick mm	ALC Concrete mm	Min Drill Depth mm	Screw Size Ø mm	Concrete (strength 25 N/mm)	Solid brick	Low density concrete (500 grade) and expanded clay.
TP 0	White	1030 000	5.5	–	20	3.5–5	0.4/0.15	0.3/0.15	–
TP 1	Yellow	1001 007	5.5	5	25	3.5–5	0.5/0.25	0.4/0.2	0.1/0.04
TP 2	Red	1003 003	5.5	5	40	3.5–5	0.6/0.4	0.5/0.3	0.15/0.05
TP 2B	Brown	1005 008	8	7	45	5–6	1.2/0.8	0.7/0.4	0.25/0.1
TP 3	Blue	1006 006	10	9	50	5–7	1.4/1.0	–	0.3/0.15
TP 4	Green	1007 004	12	10	65	8–10	3.0/2.0	–	0.5/0.25
TP 14	Grey	1008 002	14	–	78	10–12	4.0/2.5	–	–
TP 16	Orange	1009 000	16	–	88	12	5.0/3.0	–	–

1) Includes a Safety factor of 4.5 for shear and 6 for pull-out.

Data Sheet

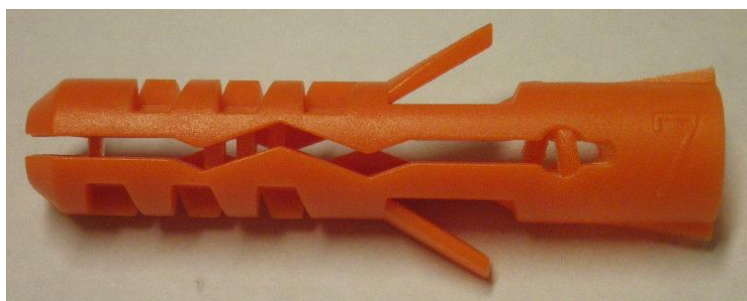
Schneider Electric
UK

> May 2014

Nylon Wall Plug - TNP

- Suitable for Concrete, Stone, Lightweight Concrete, Hollow Brick and Plaster Board. (Not suitable for ceilings)
- High Load Values
- Easy to Install

Part Number	Description	Pack Quantity
1060030	TNP 6 x 30mm	100
1060040	TNP 7 x 35mm	100
1060050	TNP 8 x 40mm	100
1060060	TNP 10 x 50mm	100
1060070	TNP 12 x 60mm	100
1060080	TNP 14 x 70mm	100





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TECHNICAL DATA SHEET

Product: RED PLUGS

Description:

A one piece polyethylene moulding 34mm in length and red in colour.

Applications:

Used to secure items to brick work or concrete and for light loads, in plasterboard and light weight block, when used with the correct length of wood screw.

Technical data:

Service temperature range:	-30 to +80°C
Material:	HD Polyethylene
Colour:	Red
Length (nominal)	34mm
Screw size	6 – 10
Drill size required:	5.5mm dia.
Hole depth required:	40mm

Installation:

Mark position for required holes. Using a masonry drill with a diameter of 5.5mm drill in the required position to a minimum depth of 40mm. Eye protection is advised when drilling any form of masonry. Insert plug into hole until flush with surface. Using wood screw of correct length and gauge dia. screw assembly to masonry.

Note: Optimum fixing strength is achieved when the screw penetrates the end of the plug.

Storage:

No special requirements are needed.

For safety reasons due to the size of the product, ensure that it is stored out of reach of small children.

Health & Safety:

No specific issues are expected with this product in normal use.

Further information:

These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. This information is correct to the best of our belief and has been prepared using current available information.