

# Wavin Tigris MX

## Product description

As newest member of the Wavin Tigris family, Tigris MX combines and extends the existing unique features of the brass fittings: A fitting made of lead-free DZR brass with a high flow rate that takes this new generation of fittings a step further in optimizing an efficient water supply. Tigris MX offers an ultimate flow thanks to the bigger inner diameter of the fitting which makes it one of the biggest bores on the market for Axial Press systems. Dead space is reduced to a minimum, leading to maximum hygiene for drinking water applications.

In addition to that, the one-fits-all technology allows users to combine several products of Wavin in one system. Wavin Tigris MX is available in the range of 16-32 mm.

## Applications

The systems can be used for sanitary (including potable water), air pressure and heating applications. The Wavin multilayer pipe fulfills the requirements according to ISO 21003 and carries amongst others DVGW, KIWA, KOMO and WaterMark certifications.

### Axial Press



### Technical specifications Wavin Tigris MX

Fitting material Brass, Leadfree DZR

Fitting colour brass



Sliding ring material PVDF

Sliding ring color Black, structured

Sliding ring shape Fit-optimized for dimension

### Wall thickness pipe (mm)

DN	Wall thickness
16	2.0
20	2.25
25	2.5
32	3.0



Multilayer pipe for Potable water, heating and air pressure applications.

## Technical specifications MP Pipes

<b>Pipe material</b>	<b>PE-Xc pipes</b> Internal layer made of PE-Xc (electron-beam crosslinked polyethylene), external layer made of PE, with an aluminium layer between, connected by special adhesive agents	<b>PE-RT pipes</b> Internal layer made of PE-RT (raised temperature resistance polyethylene), external layer made of PE, with an aluminium layer between, connected by special adhesive agents	
<b>Classification fire behaviour</b>	DIN EN 13501: E DIN 4102: B2	DIN EN 13501: E DIN 4102: B2	
<b>Application conditions</b>	<b>Application class</b>	<b>Design temp.</b>	<b>Design pressure</b>
	1	60°C	10 bar
	2	70°C	10 bar
	4	20 - 40 - 60°C	10 bar
	5	20 - 40 - 80°C	10 bar
<b>Chilled water</b> (when protected against frost with eg. Ethylene glycol < 35%)		<b>Tmin</b> -10°C	<b>Max pressure</b> 10 bar
<b>Coefficient of thermal expansion</b>	0,025 – 0,030 mm/m·K		
<b>Thermal conductivity</b>	0,4 W/m·K		
<b>Pipe roughness</b>	0,002 mm		
<b>Max. permanent operating</b>	10 bar		

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## Features of Wavin Tigris MX



### ONE-FITS-ALL

The Wavin Tigris family offers a solution for every situation. Depending on your preferred choice of material, Wavin offers different radial press systems. The Wavin family offers the Tigris K5 in PPSU and Tigris M5 in brass as a core line, extended by Tigris K1 in PPSU and Tigris M1 in brass. For a push-fit system Wavin offers the SmartFix and for axial press systems Wavin offers Tigris MX with Ultimate Flow. Together Wavin covers a complete range of fittings up to 75mm multi-layer composite pipes for every solution.



### ULTIMATE FLOW

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#### Larger inner bore for minimized pressure loss

30% larger bore than common solutions on the market and designed so that stagnant water has no chance - for optimal hygienic requirements.



### ROCK SOLID

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The slide ring ring of the fitting is made out of PVDF, this material is resistant to heavy loads in terms of tension, bending and pressure. It also has very good resistance to chemicals, is UV-resistant, self-extinguishing and can be used up to 150 °C. Every element of this fitting has its function. The front rib on the fitting has a bigger diameter than the other ribs, this ensures a reliable connection and makes sure that no backward movement of the sliding ring can occur. A bumper rib ensures that no direct contact between aluminum and brass is made.

## WAVIN TIGRIS MX – CERTIFIED BY

- B-Mark (Poland)
- KIWA K110241, K110242/ KOMO K110243 (Netherlands)
- DVGW DW-8803DO0064 (Germany)
- IPP no 2155/2022 - REV 0 (Italy)



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