

## Technical bulletin - Mixed material systems

- All the currently approved mixed material combinations are illustrated in table 1
- Tectite 316 System Tube can be used with Tectite 316 fittings, XPress Gunmetal fittings and XPress Stainless Steel fittings
- Tectite 316 fittings can be used with copper tube and galvanised carbon steel tubes in closed circuit systems
- Tectite Pro can be used with XPress Galvanised Carbon Steel System Tube
- XPress Stainless fittings can be used with XPress Plastic Coated and Galvanised Carbon Steel System Tubes



**Table 1**

Type of Tube	<b>Tectite</b>				<b>XPress</b>			
	<i>Advance</i>	<i>Sprint</i>	<i>Classic Pro</i>	<i>316</i>	<i>Copper</i>	<i>Gunmetal</i>	<i>Carbon</i>	<i>Stainless</i>
Copper	✗	✓	✓	✓	✓	✓	✗	✗
316 Stainless Steel System*	✗	✗	✗	✓	✗	✓	✗	✓
Galvanised Carbon Steel	✓	✗	✓ <i>(Closed circuit systems)</i>	✓ <i>(Closed circuit systems)</i>	✗	✓ <i>(Closed circuit systems)</i>	✓ <i>(Closed circuit systems)</i>	✓ <i>(Closed circuit systems)</i>
Plastic Coated Galvanised Carbon Steel	✓	✗	✗	✗	✗	✓	✓ <i>(Closed circuit systems)</i>	✓

\* Also applies to Stainless Steel tubes to BS4127 and GW541

Pegler Yorkshire does not recommend the jointing of XPress stainless steel tube with XPress Copper fittings or the use of Copper tube with XPress stainless steel fittings. When connecting two different tubing materials Pegler Yorkshire recommends the use of a DZR/Gunmetal transitional fitting between the two.

For additional information refer to:

XPress Databook, page 72, [www.pegleryorkshire.com/MEDIA/Downloads/CC\\_001/43217040\\_XPress\\_Press\\_Fit\\_Solutions.pdf](http://www.pegleryorkshire.com/MEDIA/Downloads/CC_001/43217040_XPress_Press_Fit_Solutions.pdf)

Tectite Databook page 50, [http://www.pegleryorkshire.com/MEDIA/Downloads/88782503\\_PE993TectiteDatabook09.pdf](http://www.pegleryorkshire.com/MEDIA/Downloads/88782503_PE993TectiteDatabook09.pdf)

Technical bulletin [www.pegleryorkshire.com/MEDIA/Downloads/CC\\_001/20084066\\_Stainless\\_Steel\\_Fittings\\_on\\_Carbon\\_Steel\\_Tube.pdf](http://www.pegleryorkshire.com/MEDIA/Downloads/CC_001/20084066_Stainless_Steel_Fittings_on_Carbon_Steel_Tube.pdf)

Pegler Yorkshire do not recommend Tectite 316 system tube for use with Tectite Classic, Pro nor Advance fittings however we do permit Tectite 316 stainless steel push-fit fittings to be used with copper tube.