integrated
piping systems
aalberts

embodied carbon declaration

EC0005-B: 03/23
embodied carbon declaration for VSH Tectite

Measuring our carbon emissions is the first step on the path to reducing them. As manufacturers of integrated piping systems, disclosing the embodied carbon of our products is key for achieving credible full life cycle assessments of the systems and buildings we help build.

The embodied carbon of a product includes all emissions released during making, installing and end-of life disposal. This excludes any emissions produced during its use and any benefits of potential reuse, recovery or recycling of materials at the end of its life. In the case of Aalberts IPS products, most emissions originate from the raw materials used to make them. This report does not include embodied carbon of packaging.

The table below shows the embodied carbon of our products calculated using **CIBSE TM65***. The total embodied carbon is reported in **kgCO2e**: kg of carbon dioxide equivalents. This shows the impact of all greenhouse gas emissions as if they were CO2 to allow for unified reporting.

While we conduct further investigation into our supply chains, we are choosing to calculate embodied carbon by using industry average values for the percentage of recycled content in our raw materials.

VSH Tectite

Designed to be pushed together in seconds creating a perfect joint, VSH Tectite's pushfit system in sizes from 10mm to 54mm provides a heat-free installation.

Copper, stainless steel and brass push fittings, valves and accessories are suitable for drinking water, heating, cooling and compressed air installations.

The system offers a solution in places where it is difficult to work with tools.

Revision	Notes	Date
1.0	/	21/02/23
1.1	Removed pegler logo from top right	15/03/23

sprint

VSH Tectite Sprint is available in sizes from 10mm to 54mm, and it is ideal for jointing plain and chrome plated copper tube to BS EN 1057.

Manufactured from copper and DZR brass, VSH Tectite Sprint is ideal for use on hot and cold water services, in low-temperature hot water and heating.

VSH Tectite Sprint fittings are guaranteed for 25 years provided they conform to the specified standards and are WRAS approved.

code	name	type	size	total embodied carbon (kgCO2e)*
60144	Sprint copper tube liner	T67	10	**0.017**
75500	Straight coupling FF	TT1	10	**0.068**
75660	Straight coupling FF	TT1	12	**0.080**
75661	Straight coupling FF	TT1	14	**0.105**
75501	Straight coupling FF	TT1	15	**0.104**
75662	Straight coupling FF	TT1	16	**0.125**
75663	Straight coupling FF	TT1	18	**0.125**
75502	Straight coupling FF	TT1	22	**0.184**
75503	Straight coupling FF	TT1	28	**0.274**
75900	Straight coupling FF	TT1	35	**0.853**
75901	Straight coupling FF	TT1	42	**0.966**
75902	Straight coupling FF	TT1	54	**1.812**
75530	Elbow FF	TT12	10	**0.099**
75689	Elbow FF	TT12	12	**0.110**
75690	Elbow FF	TT12	14	**0.160**
75531	Elbow FF	TT12	15	**0.170**
75691	Elbow FF	TT12	16	**0.198**
75692	Elbow FF	TT12	18	**0.205**
75532	Elbow FF	TT12	22	**0.310**
75533	Elbow FF	TT12	28	**0.542**
75921	Elbow FF	TT12	35	**1.219**
75922	Elbow FF	TT12	42	**1.616**
75923	Elbow FF	TT12	54	**2.499**
75853	Elbow FF	TT12CP	15 Cr	**0.168**
75854	Elbow FF	TT12CP	22 Cr	**0.310**
75535	Elbow F	TT12S	10x10	**0.072**
75536	Elbow F	TT12S	10x15	**0.089**
75693	Elbow F	TT12S	12x12	**0.102**
75537	Elbow F	TT12S	15x15	**0.178**
75695	Elbow F	TT12S	16x16	**0.150**
75696	Elbow F	TT12S	18x18	**0.213**
75538	Elbow F	TT12S	22x22	**0.305**
75924	Elbow F	TT12S	35x35	**0.980**
75925	Elbow F	TT12S	42x42	**1.314**
75926	Elbow F	TT12S	54x42	**2.040**
75540	Elbow FM	TT13	15xR½	**0.215**
75833	Elbow FM	TT13	22xR¾	**0.563**
75697	Elbow FF	TT14	14xG½	**0.271**
75545	Elbow FF	TT14	15xG½	**0.246**

75698	Elbow FF	TT14	16xG½	**0.266**
75831	Elbow FF	TT14	22xRp¾	**0.469**
75548	Wall plate elbow FF	TT15	12xG½	**0.334**
75550	Wall plate elbow FF	TT15	15xG½	**0.313**
75838	Straight coupling FF	TT1CP	15 Cr	**0.102**
75664	Reducer FF	TT1R	14x12	**0.093**
75504	Reducer FF	TT1R	15x10	**0.116**
75665	Reducer FF	TT1R	15x12	**0.119**
75667	Reducer FF	TT1R	16x14	**0.106**
75668	Reducer FF	TT1R	18x15	**0.122**
75505	Reducer FF	TT1R	22x15	**0.214**
75673	Straight connector FF	TT2	12xG½	**0.168**
75674	Straight connector FF	TT2	14xG⅜	**0.107**
75675	Straight connector FF	TT2	14xG½	**0.188**
75510	Straight connector FF	TT2	15xG½	**0.167**
75676	Straight connector FF	TT2	16xG½	**0.196**
75833	Straight connector FF	TT2	18xG⅝	**0.316**
75511	Straight connector FF	TT2	22xG⅝	**0.244**
75678	Straight connector FF	TT2	28xG1	**0.447**
75903	Straight connector FF	TT2	35xG1¼	**1.036**
75551	Elbow 45 FF	TT21	15	**0.127**
75703	Elbow 45 FF	TT21	16	**0.140**
75552	Elbow 45 FF	TT21	22	**0.278**
75553	Elbow 45 FF	TT21	28	**0.462**
75927	Elbow 45 FF	TT21	35	**0.866**
75928	Elbow 45 FF	TT21	42	**1.158**
75929	Elbow 45 FF	TT21	54	**1.739**
75705	Street elbow 45 F	TT21S	12x12	**0.080**
75585	Street elbow 45 F	TT21S	15x15	**0.138**
75586	Street elbow 45 F	TT21S	22x22	**0.273**
75587	Street elbow 45 F	TT21S	28x28	**0.419**
75930	Street elbow 45 F	TT21S	35x35	**0.802**
75931	Street elbow 45 F	TT21S	42x42	**1.074**
75932	Street elbow 45 F	TT21S	54x54	**1.868**
75535	Equal tee FFF	TT24	10	**0.131**
75709	Equal tee FFF	TT24	12	**0.184**
75710	Equal tee FFF	TT24	14	**0.197**
75536	Equal tee FFF	TT24	15	**0.310**
75537	Equal tee FFF	TT24	22	**0.485**
75538	Equal tee FFF	TT24	28	**0.622**
75933	Equal tee FFF	TT24	35	**2.126**
75934	Equal tee FFF	TT24	42	**2.745**
75935	Equal tee FFF	TT24	54	**3.726**
75861	Equal tee FFF	TT24CP	15 Cr	**0.270**
75714	Tee reduced branch FFF	TT25	15x15x12	**0.207**
75719	Tee reduced branch FFF	TT25	18x18x15	**0.257**
75567	Tee reduced branch FFF	TT25	22x22x15	**0.366**
75722	Tee reduced branch FFF	TT25	22x22x18	**0.383**
75568	Tee reduced branch FFF	TT25	28x28x15	**0.502**

75569	Tee reduced branch FFF	TT25	28x28x22	**0.554**
75937	Tee reduced branch FFF	TT25	35x35x22	**0.990**
75940	Tee reduced branch FFF	TT25	42x42x22	**1.690**
75944	Tee reduced branch FFF	TT25	54x54x22	**2.482**
75724	Tee reduced FFF	TT26	15x12x15	**0.244**
75573	Tee reduced FFF	TT26	22x15x22	**0.407**
75575	Tee reduced FFF	TT26	28x22x28	**0.612**
75582	Tee reduced FFF	TT27	22x15x15	**0.346**
75584	Tee reduced FFF	TT27	28x22x22	**0.555**
75843	Straight connector FF	TT2CP	15xG½ Cr	**0.142**
75679	Straight connector FM	TT3	10xR⅜	**0.157**
75681	Straight connector FM	TT3	12xR⅜	**0.148**
75682	Straight connector FM	TT3	12xR½	**0.209**
75683	Straight connector FM	TT3	14xR⅜	**0.155**
75684	Straight connector FM	TT3	14xR½	**0.186**
75515	Straight connector FM	TT3	15xR½	**0.187**
75685	Straight connector FM	TT3	16xR½	**0.174**
75687	Straight connector FM	TT3	18xR¾	**0.331**
75516	Straight connector FM	TT3	22xR¾	**0.246**
75518	Straight connector FM	TT3	28xR1	**0.374**
75906	Straight connector FM	TT3	35xR1 ½	**0.998**
75907	Straight connector FM	TT3	42xR1 ½	**1.219**
75908	Straight connector FM	TT3	54xR2	**2.048**
75959	Tee threaded FFF	TT30	35x35xG½	**2.129**
75968	Tee threaded FFF	TT30	35x35xG¾	**2.513**
75960	Tee threaded FFF	TT30	42x42xG½	**2.340**
75969	Tee threaded FFF	TT30	42x42xG¾	**2.732**
75961	Tee threaded FFF	TT30	54x54xG½	**1.988**
75970	Tee threaded FFF	TT30	54x54xG¾	**3.734**
75971	Tee threaded FFF	TT30	54x54xG1	**4.502**
75845	Straight connector FM	TT3CP	12xRp⅜ Cr	**0.125**
75847	Straight connector FM	TT3CP	15xRp½ Cr	**0.158**
75520	Tank connector FM	TT5	15xR½	**0.383**
75521	Tank connector FM	TT5	22xR¾	**0.574**
75523	Reducer F	TT6	15x10	**0.069**
75524	Reducer F	TT6	15x12	**0.072**
75525	Reducer F	TT6	22x15	**0.125**
75526	Reducer F	TT6	28x15	**0.191**
75527	Reducer F	TT6	28x22	**0.227**
75909	Reducer F	TT6	35x15	**0.539**
75910	Reducer F	TT6	35x22	**0.413**
75911	Reducer F	TT6	35x28	**0.427**
75913	Reducer F	TT6	42x22	**0.511**
75914	Reducer F	TT6	42x28	**0.544**
75915	Reducer F	TT6	42x35	**0.703**
75918	Reducer F	TT6	54x28	**0.736**
75919	Reducer F	TT6	54x35	**0.816**
75920	Reducer F	TT6	54x42	**0.964**
75590	Stop end F	TT61	10	**0.030**

75731	Stop end F	TT61	12	**0.045**
75732	Stop end F	TT61	14	**0.048**
75591	Stop end F	TT61	15	**0.051**
75733	Stop end F	TT61	16	**0.059**
75734	Stop end F	TT61	18	**0.078**
75592	Stop end F	TT61	22	**0.111**
75593	Stop end F	TT61	28	**0.154**
75736	Straight tap connector with union nut FF	TT62	12xG⅜	**0.138**
75601	Straight tap connector with union nut FF	TT62	15xG½	**0.193**
75740	Straight tap connector with union nut FF	TT62	16xG¾	**0.287**
75603	Straight tap connector with union nut FF	TT62	22xG¾	**0.372**
75605	Bent tap connector with union nut FF	TT63	15xG½	**0.225**
75965	Straight union connector FM	TT69	35xR1 ½	**1.970**
75967	Straight union connector FM	TT69	52xR2	**4.294**

classic

VSH Tectite Classic is available in sizes from 10mm to 28mm, and it is ideal for jointing plain and chrome plated copper tube to BS EN 1057, PEX (including Qual-Pex) and PB plastic pipes to BS 7291.

Manufactured from DZR copper alloy, VSH Tectite Classic is ideal for use on hot and cold water services, in low-temperature hot water and heating.

VSH Tectite Classic fittings are guaranteed for 25 years provided they conform to the specified standards and are WRAS and DVGW approved.

code	name	type	size	total embodied carbon (kgCO2e)*
43108	Straight coupling FF	T1	10	**0.167**
43110	Straight coupling FF	T1	12	**0.184**
43112	Straight coupling FF	T1	14	**0.216**
43114	Straight coupling FF	T1	15	**0.160**
43116	Straight coupling FF	T1	16	**0.222**
43118	Straight coupling FF	T1	18	**0.260**
43120	Straight coupling FF	T1	20	**0.353**
43121	Straight coupling FF	T1	22	**0.273**
43123	Straight coupling FF	T1	28	**0.602**
43510	Elbow FF	T12	10	**0.189**
43512	Elbow FF	T12	12	**0.220**
43514	Elbow FF	T12	14	**0.275**
43516	Elbow FF	T12	15	**0.234**
43518	Elbow FF	T12	16	**0.314**
43520	Elbow FF	T12	18	**0.334**
43522	Elbow FF	T12	20	**0.476**
43524	Elbow FF	T12	22	**0.385**
43526	Elbow FF	T12	28	**0.887**
43511	Elbow FF	T12CP	10 Cr	**0.186**
43513	Elbow FF	T12CP	12 Cr	**0.218**

45517	Elbow FF	T12CP	15 Cr	**0.246**
45492	Street elbow F	T12S	12x12	**0.204**
45580	Street elbow F	T12S	12x22	**0.307**
45494	Street elbow F	T12S	15x10	**0.253**
45496	Street elbow F	T12S	15x15	**0.206**
45581	Street elbow F	T12S	15x22	**0.331**
45498	Street elbow F	T12S	18x18	**0.361**
45582	Street elbow F	T12S	18x22	**0.355**
45500	Street elbow F	T12S	22x22	**0.470**
45502	Street elbow F	T12S	28x28	**0.783**
45491	Street elbow F	T12SNP	10x10 Ni	**0.173**
45495	Street elbow F	T12SNP	15x10 Ni	**0.250**
45497	Street elbow F	T12SNP	15x15 Ni	**0.237**
45556	Elbow FM	T13	12xR½	**0.263**
45560	Elbow FM	T13	14xR½	**0.308**
45561	Elbow FM	T13	15xR½	**0.227**
45563	Elbow FM	T13	16xR½	**0.292**
45564	Elbow FM	T13	16xR⅜	**0.435**
45569	Elbow FM	T13	18xR½	**0.282**
45570	Elbow FM	T13	18xR¾	**0.405**
45576	Elbow FM	T13	22xR¾	**0.493**
45578	Elbow FM	T13	28xR1	**0.907**
45555	Elbow FM	T13CP	12xR⅜ Cr	**0.224**
45557	Elbow FM	T13CP	12xR½ Cr	**0.260**
45562	Elbow FM	T13CP	15xR½ Cr	**0.242**
45594	Elbow FF	T14	12xG⅜	**0.289**
45596	Elbow FF	T14	12xG½	**0.288**
45600	Elbow FF	T14	14xG½	**0.314**
45606	Elbow FF	T14	15xG½	**0.306**
45608	Elbow FF	T14	16xG½	**0.282**
45614	Elbow FF	T14	18xG½	**0.331**
45615	Elbow FF	T14	18xG⅜	**0.493**
45620	Elbow FF	T14	22xG⅜	**0.538**
45622	Elbow FF	T14	28xG1	**0.885**
45591	Elbow FF	T14CP	10xG⅜ Cr	**0.372**
45593	Elbow FF	T14CP	10xG½ Cr	**0.270**
45597	Elbow FF	T14CP	12xG½ Cr	**0.302**
45607	Elbow FF	T14CP	15xG½ Cr	**0.302**
45638	Wall plate elbow FF	T15	12xG½	**0.463**
45640	Wall plate elbow FF	T15	14xG½	**0.499**
45646	Wall plate elbow FF	T15	15xG½	**0.451**
45648	Wall plate elbow FF	T15	16xG½	**0.453**
45654	Wall plate elbow FF	T15	22xG⅜	**0.695**
45631	Wall plate elbow FF	T15CP	10xG½	**0.481**
45639	Wall plate elbow FF	T15CP	12xG½	**0.441**
45647	Wall plate elbow FF	T15CP	15xG½	**0.491**
45109	Straight coupling FF	T1CP	10 Cr	**0.162**
45111	Straight coupling FF	T1CP	12 Cr	**0.194**
45115	Straight coupling FF	T1CP	15 Cr	**0.200**

45155	Reducer FF	T1R	12x10	**0.181**
45157	Reducer FF	T1R	14x12	**0.222**
45159	Reducer FF	T1R	15x10	**0.204**
45161	Reducer FF	T1R	15x12	**0.211**
45163	Reducer FF	T1R	16x12	**0.217**
45165	Reducer FF	T1R	16x14	**0.246**
45167	Reducer FF	T1R	18x15	**0.246**
45172	Reducer FF	T1R	22x15	**0.334**
45174	Reducer FF	T1R	22x18	**0.347**
45178	Reducer FF	T1R	28x22	**0.551**
45156	Reducer FF	T1RCP	12x10 Cr	**0.177**
45160	Reducer FF	T1RCP	15x10 Cr	**0.207**
45162	Reducer FF	T1RCP	15x12 Cr	**0.211**
45141	Slip coupling FF	T1S	15	**0.222**
45142	Slip coupling FF	T1S	18	**0.259**
45143	Slip coupling FF	T1S	22	**0.384**
45144	Slip coupling FF	T1S	28	**0.594**
45194	Straight connector FF	T2	12xG⅜	**0.181**
45196	Straight connector FF	T2	12xG½	**0.212**
45200	Straight connector FF	T2	14xG⅜	**0.218**
45202	Straight connector FF	T2	14xG½	**0.251**
45204	Straight connector FF	T2	15xG⅜	**0.205**
45206	Straight connector FF	T2	15xG½	**0.246**
45209	Straight connector FF	T2	16xG½	**0.246**
45210	Straight connector FF	T2	18xG½	**0.241**
45212	Straight connector FF	T2	18xG¾	**0.368**
45220	Straight connector FF	T2	22xG½	**0.316**
45222	Straight connector FF	T2	22xG¾	**0.394**
45223	Straight connector FF	T2	22xG1	**0.568**
45224	Straight connector FF	T2	28xG¾	**0.559**
45225	Straight connector FF	T2	28xG1	**0.579**
45535	Elbow 45 FF	T21	15	**0.247**
45538	Elbow 45 FF	T21	22	**0.431**
45539	Elbow 45 FF	T21	28	**0.690**
45542	Street elbow 45 F	T21S	15x15	**0.231**
45544	Street elbow 45 F	T21S	18x18	**0.285**
45545	Street elbow 45 F	T21S	22x22	**0.467**
45546	Street elbow 45 F	T21S	28x28	**0.655**
45660	Equal tee FFF	T24	10	**0.275**
45662	Equal tee FFF	T24	12	**0.311**
45664	Equal tee FFF	T24	14	**0.365**
45666	Equal tee FFF	T24	15	**0.296**
45668	Equal tee FFF	T24	16	**0.412**
45670	Equal tee FFF	T24	18	**0.465**
45676	Equal tee FFF	T24	22	**0.499**
45678	Equal tee FFF	T24	28	**1.268**
45661	Equal tee FFF	T24CP	10 Cr	**0.278**
45663	Equal tee FFF	T24CP	12 Cr	**0.316**
45667	Equal tee FFF	T24CP	15 Cr	**0.353**

45710	Tee reduced branch FFF	T25	14x14x12	**0.387**
45717	Tee reduced branch FFF	T25	15x15x12	**0.358**
45722	Tee reduced branch FFF	T25	16x16x14	**0.425**
45724	Tee reduced branch FFF	T25	18x18x14	**0.471**
45726	Tee reduced branch FFF	T25	20x20x16	**0.573**
45730	Tee reduced branch FFF	T25	22x22x10	**0.531**
45736	Tee reduced branch FFF	T25	22x22x14	**0.602**
45737	Tee reduced branch FFF	T25	22x22x15	**0.590**
45746	Tee reduced branch FFF	T25	28x28x22	**0.953**
45701	Tee reduced branch FFF	T25CP	12x12x10 Cr	**0.320**
45718	Tee reduced branch FFF	T25CP	15x15x12 Cr	**0.344**
45786	Tee one end reduced FFF	T26	22x15x22	**0.630**
45788	Tee one end reduced FFF	T26	22x18x22	**0.644**
45793	Tee one end reduced FFF	T26	28x22x28	**1.001**
45812	Tee one end and branch reduced FFF	T27	15x12x12	**0.371**
45820	Tee one end and branch reduced FFF	T27	22x15x15	**0.442**
45822	Tee one end and branch reduced FFF	T27	28x22x22	**0.926**
45813	Tee one end and branch reduced FFF	T27CP	15x12x12	**0.379**
45191	Straight connector FF Cr	T2CP	10xG⅜ Cr	**0.202**
45195	Straight connector FF Cr	T2CP	12xG⅜ Cr	**0.198**
45197	Straight connector FF Cr	T2CP	12xG½ Cr	**0.239**
45205	Straight connector FF Cr	T2CP	15xG⅜ Cr	**0.199**
45207	Straight connector FF Cr	T2CP	15xG½ Cr	**0.233**
45823	Tee threaded branch FFF	T30	12x12xG½	**0.382**
45840	Tee threaded branch FFF	T30	15x15xG½	**0.430**
45825	Tee threaded branch FFF	T30	16x16xG½	**0.422**
45845	Tee threaded branch FFF	T30	22x22xG½	**0.585**
45846	Tee threaded branch FFF	T30	22x22xG¾	**0.795**
45841	Tee threaded branch FFF	T30CP	15x15xG½ Cr	**0.432**
45354	Straight connector FM	T3P	14xG⅜	**0.219**
45356	Straight connector FM	T3P	14xG½	**0.258**
45358	Straight connector FM	T3P	15xG½	**0.244**
45362	Straight connector FM	T3P	16xG½	**0.254**
45366	Straight connector FM	T3P	22xG¾	**0.378**
45368	Straight connector FM	T3P	22xG1	**0.464**
45250	Straight connector FM	T3T	10xR⅜	**0.202**
45252	Straight connector FM	T3T	10xR½	**0.283**
45254	Straight connector FM	T3T	12xR⅜	**0.201**
45256	Straight connector FM	T3T	12xR½	**0.237**
45265	Straight connector FM	T3T	15xR⅜	**0.204**
45267	Straight connector FM	T3T	15xR½	**0.212**
45286	Straight connector FM	T3T	18xR½	**0.293**
45288	Straight connector FM	T3T	18xR¾	**0.382**
45290	Straight connector FM	T3T	22xR½	**0.348**
45292	Straight connector FM	T3T	22xR¾	**0.356**
45294	Straight connector FM	T3T	22xR1	**0.712**
45296	Straight connector FM	T3T	28xR1	**0.627**
45251	Straight connector FM Cr	T3TCP	10xR⅜ Cr	**0.203**
45253	Straight connector FM Cr	T3TCP	10xR½ Cr	**0.295**

45255	Straight connector FM Cr	T3TCP	12xR⅜ Cr	**0.218**
45257	Straight connector FM Cr	T3TCP	12xR½ Cr	**0.235**
45266	Straight connector FM Cr	T3TCP	15xR⅜ Cr	**0.215**
45268	Straight connector FM Cr	T3TCP	15xR½ Cr	**0.247**
45410	Reducer F	T6	12x10	**0.116**
45416	Reducer F	T6	15x10	**0.121**
45418	Reducer F	T6	15x12	**0.129**
45424	Reducer F	T6	18x15	**0.174**
45425	Reducer F	T6	22x12	**0.186**
45426	Reducer F	T6	22x15	**0.195**
45430	Reducer F	T6	22x18	**0.199**
45435	Reducer F	T6	28x15	**0.258**
45438	Reducer F	T6	28x22	**0.317**
45860	Stop end F	T61	10	**0.086**
45862	Stop end F	T61	12	**0.098**
45864	Stop end F	T61	14	**0.108**
45866	Stop end F	T61	15	**0.102**
45868	Stop end F	T61	16	**0.124**
45870	Stop end F	T61	18	**0.155**
45872	Stop end F	T61	20	**0.218**
45874	Stop end F	T61	22	**0.185**
45876	Stop end F	T61	28	**0.328**
45861	Stop end F	T61CP	10	**0.087**
45867	Stop end F	T61CP	15 Cr	**0.105**
45890	Stop end with air release F	T61RV	10	**0.126**
45892	Stop end with air release F	T61RV	15	**0.208**
45894	Stop end with air release F	T61RV	22	**0.346**
45895	Stop end with air release F	T61RV	28	**0.571**
45902	Tap connector FF	T62	15xG½	**0.252**
45171	Tap connector FF	T62	15xG¾	**0.344**
45903	Tap connector FF	T62	22xG¾	**0.431**
45912	Tap connector F	T62S	15xG¾	**0.000**
45922	Bent tap connector FF	T63	15xG½	**0.454**
40759	Union adaptor FF	T68FF	15xG¾	**0.315**
45411	Reducer F Cr	T6CP	12x10	**0.116**
45417	Reducer F Cr	T6CP	15x10	**0.133**
45419	Reducer F Cr	T6CP	15x12	**0.134**
45945	Transition nip	T73	15xRp½	**0.223**
45946	Transition nip	T73	18xRp¾	**0.346**
45947	Transition nip	T73	22xRp¾	**0.411**
44917	Plastic epdm sealed tube liner	TMLCP3PS	15	**0.009**
44918	Plastic epdm sealed tube liner	TMLCP3PS	22	**0.017**
46147	Classic + 316 O-ring epdm	TX100	35	**0.012**
46148	Classic + 316 O-ring epdm	TX100	42	**0.017**
46149	Classic + 316 O-ring epdm	TX100	54	**0.025**

pro

With the benefit of an extended size range from 15mm to 54mm, VSH Tectite Pro provides enhanced performance and guaranteed electrical continuity.

Designed for the professional heat-free jointing of either plain or chrome plated copper tube to BS EN1057, VSH Tectite Pro is designed to meet the rigorous demands of today's mechanical services systems.

VSH Tectite Pro fittings are guaranteed for 25 years provided they conform to the specified standards and are WRAS approved.

code	name	type	size	total embodied carbon (kgCO2e)*
46180	End cap	TCX	35	**0.436**
46181	End cap	TCX	42	**0.752**
46182	End cap	TCX	54	**0.795**
46146	Demountable end cap	TDX	35	**0.419**
46151	Demountable end cap	TDX	42	**0.622**
46156	Demountable end cap	TDX	54	**0.723**
65114	Straight coupling FF	TX1	15	**0.268**
65121	Straight coupling FF	TX1	22	**0.427**
65123	Straight coupling FF	TX1	28	**0.750**
45126	Straight coupling FF	TX1	35	**3.118**
45128	Straight coupling FF	TX1	42	**4.971**
45130	Straight coupling FF	TX1	54	**7.026**
46135	Pro grab ring	TX105	35	**0.031**
46136	Pro grab ring	TX105	42	**0.040**
46137	Pro grab ring	TX105	54	**0.061**
65516	Elbow FF	TX12	15	**0.295**
65524	Elbow FF	TX12	22	**0.530**
65526	Elbow FF	TX12	28	**0.955**
45530	Elbow FF	TX12	35	**3.629**
45532	Elbow FF	TX12	42	**5.622**
45534	Elbow FF	TX12	54	**8.009**
65496	Street elbow F	TX12S	15x15	**0.268**
65500	Street elbow F	TX12S	22x22	**0.531**
65502	Street elbow F	TX12S	28x28	**0.870**
65561	Elbow FM	TX13	15xR½	**0.265**
65606	Elbow FF	TX14	15xG½	**0.330**
65622	Elbow FF	TX14	28xG1	**0.949**
65646	Wall plate FF	TX15	15xG½	**0.481**
65141	Slip coupling FF	TX1S	15	**0.267**
65143	Slip coupling FF	TX1S	22	**0.467**
65144	Slip coupling FF	TX1S	28	**0.737**
45145	Slip coupling FF	TX1S	35	**3.178**
45146	Slip coupling FF	TX1S	42	**4.746**
45147	Slip coupling FF	TX1S	54	**7.149**
65206	Straight connector FF	TX2	15xG½	**0.268**
65222	Straight connector FF	TX2	22xG¾	**0.435**
65223	Straight connector FF	TX2	22xG1	**0.639**
65225	Straight connector FF	TX2	28xG1	**0.651**

45230	Straight connector FF	TX2	35xG1 ¼	**2.131**
45232	Straight connector FF	TX2	42xG1 ½	**2.869**
45234	Straight connector FF	TX2	54xG2	**3.925**
65535	Elbow 45 FF	TX21	15	**0.302**
65538	Elbow 45 FF	TX21	22	**0.507**
65539	Elbow 45 FF	TX21	28	**0.815**
45540	Elbow 45 FF	TX21	35	**3.429**
65542	Street elbow 45 F	TX21S	15x15	**0.263**
65545	Street elbow 45 F	TX21S	22x22	**0.494**
45547	Street elbow 45 F	TX21S	35x35	**3.050**
65666	Tee FFF	TX24	15	**0.457**
65676	Tee FFF	TX24	22	**0.723**
65678	Tee FFF	TX24	28	**1.464**
45680	Tee FFF	TX24	35	**5.530**
45682	Tee FFF	TX24	42	**8.167**
45684	Tee FFF	TX24	54	**11.497**
65737	Tee reduced branch FFF	TX25	22x22x15	**0.584**
65744	Tee reduced branch FFF	TX25	28x28x15	**1.006**
65746	Tee reduced branch FFF	TX25	28x28x22	**1.225**
45750	Tee reduced branch FFF	TX25	35x35x15	**4.484**
45754	Tee reduced branch FFF	TX25	42x42x15	**5.391**
45756	Tee reduced branch FFF	TX25	42x42x22	**6.661**
65786	Tee, one end reduced FFF	TX26	22x15x22	**0.733**
65790	Tee, one end reduced FFF	TX26	28x15x28	**1.265**
65793	Tee, one end reduced FFF	TX26	28x22x28	**1.189**
65793D	Tee, one end reduced FFF	TX26	28x22x28	**1.189**
65820	Tee, one end and branch reduced FFF	TX27	22x15x15	**0.604**
65267	Straight connector FM	TX3	15xR½	**0.272**
65292	Straight connector FM	TX3	22xR¾	**0.397**
65294	Straight connector FM	TX3	22xR1	**0.737**
65296	Straight connector FM	TX3	28xR1	**0.692**
45310	Straight connector FM	TX3	35xR1 ½	**2.320**
45312	Straight connector FM	TX3	42xR1 ½	**3.239**
45314	Straight connector FM	TX3	54xR2	**4.174**
65840	Tee threaded branch FFF	TX30	15x15xG ½	**0.479**
65845	Tee threaded branch FFF	TX30	22x22xG ½	**0.665**
65358	Straight connector FM	TX3P	15xG½	**0.267**
65366	Straight connector FM	TX3P	22xG¾	**0.426**
65426	Reducer F	TX6	22x15	**0.219**
65435	Reducer F	TX6	28x15	**0.281**
65438	Reducer F	TX6	28x22	**0.348**
45452	Reducer F	TX6	35x22	**0.894**
45454	Reducer F	TX6	35x28	**1.039**
45458	Reducer F	TX6	42x22	**1.223**

45460	Reducer F	TX6	42x28	**1.353**
45462	Reducer F	TX6	42x35	**2.467**
45464	Reducer F	TX6	54x15	**1.674**
45472	Reducer F	TX6	54x42	**3.569**
65866	Stop end F	TX61	15	**0.141**
65874	Stop end F	TX61	22	**0.261**
65876	Stop end F	TX61	28	**0.396**
45878	Stop end F	TX61	35	**1.913**
45880	Stop end F	TX61	42	**2.752**
45882	Stop end F	TX61	54	**4.088**
65892	Air release stop end F	TX61RV	15	**0.229**
65902	Tap connector with union nut FF	TX62	15xG½	**0.277**
65171	Tap connector with union nut FF	TX62	15xG¾	**0.367**
65903	Tap connector with union nut FF	TX62	22xG¾	**0.469**
65922	Bent tap connector with union nut FF	TX63	15xG½	**0.470**
65924	Bent tap connector with union nut FF	TX63	22xG¾	**0.803**
65759	Union adapter FF	TX68FF	15xG¾	**0.338**
65760	Union adaptor FF	TX68FF	22xG¾	**0.511**

316 (stainless steel)

VSH Tectite 316 comprises stainless steel push-fit fittings to VSH Tectite Pro specification, in sizes 15mm to 54mm, and it is ideal for jointing stainless steel 316 System tube or other stainless steel tube to BS EN10312 or DVGW GW541.

The range guarantees electrical continuity and is designed for use with stainless steel 316 Systems tube in potable water applications where water quality and hygiene are issues, particularly in the food and pharmaceutical industries.

VSH Tectite 316 fittings are guaranteed for 25 years provided they conform to the specified standards and are WRAS and DVGW approved.

code	name	type	size	total embodied carbon (kgCO2e)*
25114	Straight coupling FF	TS1	15	**0.353**
25118	Straight coupling FF	TS1	18	**0.387**
25121	Straight coupling FF	TS1	22	**0.604**
25123	Straight coupling FF	TS1	28	**1.002**
25126	Straight coupling FF	TS1	35	**3.410**
25128	Straight coupling FF	TS1	42	**5.053**
25130	Straight coupling FF	TS1	54	**7.122**
46183	316 grab ring	TS106	35	**0.031**
46184	316 grab ring	TS106	42	**0.040**
46185	316 grab ring	TS106	54	**0.077**
25516	Elbow FF	TS12	15	**0.444**
25520	Elbow FF	TS12	18	**0.502**
25524	Elbow FF	TS12	22	**0.792**
25528	Elbow FF	TS12	28	**1.295**
25530	Elbow FF	TS12	35	**3.697**
25532	Elbow FF	TS12	42	**5.750**
25534	Elbow FF	TS12	54	**7.817**
25496	Street elbow F	TS12S	15x15	**0.373**

25498	Street elbow F	TS12S	18x18	**0.455**
25500	Street elbow F	TS12S	22x22	**0.774**
25502	Street elbow F	TS12S	28x28	**1.275**
25561	Elbow FM	TS13	15xR½	**0.426**
25569	Elbow FM	TS13	18xR½	**0.452**
25576	Elbow FM	TS13	22xR¾	**0.705**
25578	Elbow FM	TS13	28xR1	**1.335**
25606	Elbow FF	TS14	15xG½	**0.463**
25614	Elbow FF	TS14	18xG½	**0.497**
25615	Elbow FF	TS14	18xG¾	**0.662**
25620	Elbow FF	TS14	22xG¾	**0.813**
25622	Elbow FF	TS14	28xG1	**1.276**
25646	Wall plate elbow FF	TS15	15xG½	**0.637**
25650	Wall plate elbow FF	TS15	18xG½	**0.652**
25654	Wall plate elbow FF	TS15	22xG¾	**0.974**
26003	Slow bend FF	TS18	15	**0.519**
26005	Slow bend FF	TS18	18	**0.563**
26007	Slow bend FF	TS18	22	**0.964**
26008	Slow bend FF	TS18	28	**1.654**
26009	Slow bend FF	TS18	35	**4.501**
26010	Slow bend FF	TS18	42	**6.349**
26011	Slow bend FF	TS18	54	**9.386**
26023	Slow street bend F	TS18S	15x15	**0.475**
26025	Slow street bend F	TS18S	18x18	**0.594**
26027	Slow street bend F	TS18S	22x22	**0.901**
26028	Slow street bend F	TS18S	28x28	**1.728**
25141	Slip coupling FF	TS1S	15	**0.353**
25142	Slip coupling FF	TS1S	18	**0.401**
25143	Slip coupling FF	TS1S	22	**0.604**
25144	Slip coupling FF	TS1S	28	**1.019**
25206	Straight connector FF	TS2	15xG½	**0.391**
25210	Straight connector FF	TS2	18xG½	**0.574**
25212	Straight connector FF	TS2	18xG¾	**0.570**
25220	Straight connector FF	TS2	22xG½	**0.505**
25222	Straight connector FF	TS2	22xG¾	**0.694**
25223	Straight connector FF	TS2	22xG1	**1.154**
25224	Straight connector FF	TS2	28xG¾	**0.788**
25225	Straight connector FF	TS2	28xG1	**1.166**
25230	Straight connector FF	TS2	35xG1 ¼	**3.029**
25232	Straight connector FF	TS2	42xG1 ½	**3.988**
25234	Straight connector FF	TS2	54xG2	**4.500**
26043	Elbow 45 FF	TS21	15	**0.403**
26045	Elbow 45 FF	TS21	18	**0.462**
26047	Elbow 45 FF	TS21	22	**0.732**
26048	Elbow 45 FF	TS21	28	**1.298**
26049	Elbow 45 FF	TS21	35	**3.380**
26050	Elbow 45 FF	TS21	42	**5.204**
26051	Elbow 45 FF	TS21	54	**6.962**
26063	Street elbow 45 F	TS21S	15x15	**0.321**

26065	Street elbow 45 F	TS21S	18x18	**0.411**
26067	Street elbow 45 F	TS21S	22x22	**0.707**
26068	Street elbow 45 F	TS21S	28x28	**1.101**
26069	Street elbow 45 F	TS21S	35x35	**3.493**
26070	Street elbow 45 F	TS21S	42x42	**4.904**
25666	Equal tee FFF	TS24	15	**0.665**
25670	Equal tee FFF	TS24	18	**0.672**
25676	Equal tee FFF	TS24	22	**1.145**
25678	Equal tee FFF	TS24	28	**1.808**
25680	Equal tee FFF	TS24	35	**5.270**
25682	Equal tee FFF	TS24	42	**8.145**
25684	Equal tee FFF	TS24	54	**11.396**
25725	Tee reduced branch FFF	TS25	18x18x15	**0.649**
25737	Tee reduced branch FFF	TS25	22x22x15	**0.957**
25742	Tee reduced branch FFF	TS25	22x22x18	**0.922**
25744	Tee reduced branch FFF	TS25	28x28x15	**1.334**
25745	Tee reduced branch FFF	TS25	28x28x18	**1.409**
25746	Tee reduced branch FFF	TS25	28x28x22	**1.539**
25750	Tee reduced branch FFF	TS25	35x35x15	**5.538**
25752	Tee reduced branch FFF	TS25	35x35x22	**5.518**
25753	Tee reduced branch FFF	TS25	35x35x28	**4.930**
25758	Tee reduced branch FFF	TS25	42x42x28	**6.422**
25762	Tee reduced branch FFF	TS25	54x54x22	**8.445**
25764	Tee reduced branch FFF	TS25	54x54x28	**8.031**
25267	Straight connector FM	TS3	15xR½	**0.418**
25286	Straight connector FM	TS3	18xR½	**0.485**
25288	Straight connector FM	TS3	18xR¾	**0.705**
25290	Straight connector FM	TS3	22xR½	**0.596**
25292	Straight connector FM	TS3	22xR¾	**0.773**
25295	Straight connector FM	TS3	28xR¾	**0.913**
25296	Straight connector FM	TS3	28xR1	**1.118**
25310	Straight connector FM	TS3	35xR1 ½	**2.510**
25312	Straight connector FM	TS3	42xR1 ½	**3.799**
25314	Straight connector FM	TS3	54xR2	**5.190**
25840	Tee threaded branch FFF	TS30	15x15xG½	**0.664**
25843	Tee threaded branch FFF	TS30	18x18xG½	**0.685**
25845	Tee threaded branch FFF	TS30	22x22xG½	**0.929**
25846	Tee threaded branch FFF	TS30	22x22xG¾	**1.158**
25847	Tee threaded branch FFF	TS30	28x28xG½	**1.515**
25848	Tee threaded branch FFF	TS30	35x35xG½	**3.902**
25850	Tee threaded branch FFF	TS30	42x42xG½	**5.717**
25424	Reducer F	TS6	18x15	**0.274**
25426	Reducer F	TS6	22x15	**0.359**
25430	Reducer F	TS6	22x18	**0.381**
25435	Reducer F	TS6	28x15	**0.464**
25437	Reducer F	TS6	28x18	**0.469**
25438	Reducer F	TS6	28x22	**0.531**
25452	Reducer F	TS6	35x22	**1.121**
25454	Reducer F	TS6	35x28	**1.236**

25458	Reducer F	TS6	42x22	**1.488**
25460	Reducer F	TS6	42x28	**1.569**
25462	Reducer F	TS6	42x35	**2.775**
25470	Reducer F	TS6	54x35	**3.394**
25472	Reducer F	TS6	54x42	**3.953**
25866	Stop end F	TS61	15	**0.207**
25870	Stop end F	TS61	18	**0.229**
25874	Stop end F	TS61	22	**0.382**
25876	Stop end F	TS61	28	**0.626**
25878	Stop end F	TS61	35	**1.837**
25880	Stop end F	TS61	42	**2.853**
25882	Stop end F	TS61	54	**3.847**
25902	Straight tap connector FF	TS62	15xG½	**0.395**
25903	Straight tap connector FF	TS62	22xG¾	**0.724**

air

VSH Tectite Air is available in sizes 10mm and 22mm, and it used in specialist applications such as spray paint application. The fittings are manufactured in DZR copper alloy without any grease or lubricant in the cartridge to prevent contamination.

code	name	type	size	total embodied carbon (kgCO2e)*
45114A	Straight coupling FF	TD1	15	**0.197**
45118A	Straight coupling FF	TD1	18	**0.261**
45121A	Straight coupling FF	TD1	22	**0.348**
45123A	Straight coupling FF	TD1	28	**0.599**
45516A	Elbow 90 FF	TD12	15	**0.244**
45520A	Elbow 90 FF	TD12	18	**0.335**
45524A	Elbow 90 FF	TD12	22	**0.445**
45526A	Elbow 90 FF	TD12	28	**0.797**
45561A	Elbow 90 FM	TD13	15xR½	**0.231**
45569A	Elbow 90 FM	TD13	18xR½	**0.290**
45576A	Elbow 90 FM	TD13	22xR¾	**0.446**
45578A	Elbow 90 FM	TD13	28xR1	**0.741**
45141A	Slip coupling FF	TD1S	15	**0.222**
45143A	Slip coupling FF	TD1S	22	**0.384**
45144A	Slip coupling FF	TD1S	28	**0.602**
45206A	Straight connector FF	TD2	15xG½	**0.246**
45210A	Straight connector FF	TD2	18xG½	**0.252**
45211A	Straight connector FF	TD2	18xG¾	**0.384**
45212A	Straight connector FF	TD2	22xG½	**0.315**
45222A	Straight connector FF	TD2	22xG¾	**0.396**
45223A	Straight connector FF	TD2	22xG1	**0.568**
45225A	Straight connector FF	TD2	28xG1	**0.584**
45533A	Elbow 45 FF	TD21	15	**0.247**
45537A	Elbow 45 FF	TD21	18	**0.280**
45538A	Elbow 45 FF	TD21	22	**0.431**
45539A	Elbow 45 FF	TD21	28	**0.700**
45666A	T-piece FFF	TD24	15	**0.412**

45670A	T-piece FFF	TD24	18	**0.466**
45676A	T-piece FFF	TD24	22	**0.618**
45678A	T-piece FFF	TD24	28	**1.275**
45737A	T-piece reduced branch FFF	TD25	22x22x15	**0.595**
45742A	T-piece reduced branch FFF	TD25	22x22x18	**0.601**
45745A	T-piece reduced branch FFF	TD25	28x28x18	**0.830**
45746A	T-piece reduced branch FFF	TD25	28x28x22	**0.966**
45822A	T-piece branch and one end reduced FFF	TD27	28x22x22	**0.993**
45358A	Paralell straight connector FM	TD3P	15xG½	**0.239**
45367A	Paralell straight connector FM	TD3P	18xG½	**0.235**
45369A	Paralell straight connector FM	TD3P	18xG¾	**0.339**
45365A	Paralell straight connector FF	TD3P	22xG½	**0.324**
45366A	Paralell straight connector FF	TD3P	22xG¾	**0.363**
45370A	Paralell straight connector FM	TD3P	28xG1	**0.534**
45294A	Tapered straight connector FM	TD3T	22xG1	**0.712**
45426A	Reducer F	TD6	22x15	**0.195**
45427A	Reducer F	TD6	22x18	**0.212**
45437A	Reducer F	TD6	28x18	**0.256**
45438A	Reducer F	TD6	28x22	**0.314**
45866A	Stop end F	TD61	15	**0.099**
45870A	Stop end F	TD61	18	**0.158**
45874A	Stop end F	TD61	22	**0.185**
45876A	Stop end F	TD61	28	**0.326**

irish

VSH Tectite Irish is available in sizes ½", ¾" and 1". It is manufactured in DZR copper alloy specifically for the Irish market.

code	name	type	size	total embodied carbon (kgCO2e)*
40903	Straight coupling FF	TI1	1	**0.642**
40901	Straight coupling FF	TI1	½	**0.196**
40902	Straight coupling FF	TI1	¾	**0.350**
40922	Elbow 90 FF	TI12	1	**0.867**
40920	Elbow 90 FF	TI12	½	**0.245**
40921	Elbow 90 FF	TI12	¾	**0.497**
40930	T-piece FFF	TI24	½	**0.364**
40931	T-piece FFF	TI24	¾	**0.694**
40940	T-piece reduced branch FFF	TI25	¾x¾x½	**0.671**
40942	T-piece reduced branch FFF	TI25	1x1x¾	**1.047**
40948	T-piece one end and branch reduced FFF	TI27	¾x½x½	**0.601**
40949	T-piece one end and branch reduced FFF	TI27	1x¾x¾	**0.982**
40911	Straight connector FM	TI3P	½xG½	**0.260**
40912	Straight connector FM	TI3P	¾xG¾	**0.381**
40914	Tank connector FM ½xG½	TI5	½xR½	**0.415**
40915	Tank connector FM	TI5	¾xG¾	**0.677**
40916	Straight reducer F	TI6	½x¾	**0.214**
40918	Straight reducer F	TI6	¾x1	**0.350**

40950	Stop end F	TI61	½	**0.105**
40960	Tap connector 90 FF	TI62	½xG½	**0.252**
40963	Tap connector 90 FF	TI62	¾xG¾	**0.442**
40970	Bent tap connector 90 FF	TI63	½xG½	**0.421**

pacific

VSH Tectite Pacific is available in sizes DN15, AS18, 16mm, DN20, 20mm, and AS22. It is manufactured in DZR copper alloy specifically for the market in New Zealand and Australia.

code	name	type	size	total embodied carbon (kgCO2e)*
903248	Shower right angle breach (pex x threaded)	SRA	16xG58 (l=150)	**1.930**
903247	Shower right angled breech (pex x threaded)	SRA	16xG58 (l=200)	**2.059**
903243	Recessed right angled breech (pex x threaded)	SRA	16xG58xG½ (l=200)	**2.264**
903244	Recessed right angled breech (pex x threaded)	SRA	16xG58xG½ (l=300)	**2.639**
903200	Straight coupling FF (pex)	TP1	16	**0.220**
903202	Straight coupling FF (pex)	TP1	20	**0.330**
903201	Elbow FF (pex x pex)	TP12C	16	**0.292**
903217	Coper elbow adapter FF (pex x pex)	TP12C	20	**0.459**
903203	Elbow FF (pex x pex)	TP12C	20	**0.380**
903208	Copper elbow adapter FF (pex x cu)	TP12C	16x15	**0.241**
903256	Elbow (cu)	TP12Cu	15	**0.305**
903257	Elbow (cu)	TP12Cu	20	**0.473**
903210	Elbow FM (pex x threaded)	TP13	16xR½	**0.262**
903211	Elbow FF (pex x threaded)	TP14	16xG½	**0.265**
903206	Elbow FF (pex x threaded)	TP14	20xG¾	**0.612**
903204	Wall plate FF (pex x threaded)	TP15	16xG½	**0.437**
903219	Large top plate elbow FM (pex x threaded)	TP15	16xG½ (l=100)	**0.632**
903223	Large backplate elbow FM (pex x threaded)	TP15	16xG½ (l=185)	**0.994**
903218	Large backplate elbow FM (pex x threaded)	TP15	16xRp½ (l=100)	**0.564**
903238	Large backplate elbow FM (pex x threaded)	TP15	16xRp½ (l=75)	**0.552**
903221	Large backplate elbow FM (pex x threaded)	TP15	20xG½ (l=100)	**0.663**
903222	Large backplate elbow FM (pex x threaded)	TP15	20xG½ (l=200)	**1.134**
903220	Large backplate elbow FM (pex x threaded)	TP15	20xG¾ (l=200)	**1.479**
903279	Sdr conversation coupling (pex x pex)	TP1C	16	**0.237**
903245	Conversion coupling (cu x pex)	TP1C	20	**0.381**
903280	Sdr9 conversion coupling (pex x pex)	TP1C	20	**0.383**
903228	Copper adapter FF (pex x cu)	TP1C	16x15	**0.171**
903239	Conversion coupling (pex x cu)	TP1C	16x15	**0.269**
903242	Conversion coupling (pex x polybutene)	TP1C	16xas18	**0.242**
903237	Coper adapter FF (pex x cu)	TP1C	20x20	**0.288**
903267	Conversion coupling (pex x polybutene)	TP1C	20xas22	**0.397**
903249	Straight coupling (cu)	TP1Cu	15	**0.211**
903250	Straight coupling (cu)	TP1Cu	20	**0.362**

903227	Flare adapter FF (cu x cu)	TP1F	15x15	**0.253**
903236	Flare adapter FF (cu x cu)	TP1F	20x20	**0.367**
903224	Reducing coupling FF (pex x pex)	TP1R	20x16	**0.285**
903225	Straight connector FF (pex x threaded)	TP2	16xG½	**0.238**
903230	Straight connector FF (pex x threaded)	TP2	16xG¾	**0.285**
903231	Straight connector FF (pex x threaded)	TP2	20xG¾	**0.319**
903205	Tee FFF (pex x pex x pex)	TP24	16	**0.398**
903213	Equal tee FFF (pex x pex x pex)	TP24	20	**0.581**
903273	Conversion tee (pex x pex x cu)	TP24C	20	**0.697**
903274	Conversion tee (cu x cu x pex)	TP24C	20	**0.691**
903272	Conversion tee (cu x cu x pex)	TP24C	15x15x16	**0.445**
903271	Conversion tee (pex x pex x cu)	TP24C	16x16x15	**0.467**
903261	Equal tee (cu)	TP24Cu	15	**0.410**
903262	Equal tee (cu)	TP24Cu	20	**0.654**
903207	Tee reduced FFF (pex x pex x pex)	TP27	20x16x16	**0.412**
903216	Tee reduced FFF (pex x pex x pex)	TP27	20x16x20	**0.475**
903214	Reduced tee FFF (pex x pex x pex)	TP27	20x20x16	**0.508**
903229	Straight connector FM (pex x threaded)	TP3	16xRp½	**0.244**
903232	Straight connector FM (pex x threaded)	TP3	16xRp¾	**0.371**
903233	Straight connector FM (pex x threaded)	TP3	20xRp¾	**0.323**
903212	Threaded tee FFF (pex x pex x threaded)	TP30	16x16xG½	**0.390**
903226	Stop end F (pex)	TP61	16	**0.114**
903235	Stop end F (pex)	TP61	20	**0.181**
903265	Stop end (cu)	TP61Cu	15	**0.132**
903266	Stop end (cu)	TP61Cu	20	**0.199**
903286	Straight tap connector (pex x threaded)	TP63C	16xG½	**0.484**

valves

Pegler valves, combine with VSH Tectite fittings, in order to deliver a seamless integrated piping system for push-fit connections.

A variety of valves complement the VSH Tectite range of fittings including quarter-turn ball valves that are ideal for use on hot and cold water services, heating, chilled water and air conditioning systems.

VSH Tectite servicing and appliance valves are manufactured from brass or DZR and have a chrome plated finish as indicated. All are suitable for connection to copper tube and PEX and PB plastic pipe. Also, a small range of dynamic and static balancing valves and commercial valves for plumbing, heating, and cooling systems.

code	name	type	size	total embodied carbon (kgCO2e)*
Coming soon!				

* Embodied carbon calculated following 'Basic' calculation method described in CIBSE (2021) Embodied carbon in building services: a calculation methodology CIBSE TM65: 2021 (Hampshire: Hobbs the Printers Ltd) using CIBSE (2022) Embodied Carbon Calculator TM65 Digital Tool beta version 1.1 January 2022 (London: Chartered Institution of Building Services Engineers)