



CFBX Brass Reusable Hose Ends

CFBX recommend brass reusable end fittings are only for relatively low pressure applications to be fitted to Fibrolite and Fibrolite pneumo, gas and hot water hoses which have extruded polyurethane final finish (Fibrolite with thicker cover for greater robustness). These are typically used in surface demand / air dive applications.

Fibrolite:

Hose Bore	Hose Type	Hose Part No.	Hose O.D. (mm)	Max W P (psi)	Fitting Part No.
1/4"	Fibrolite	FLT04	11.5	400	FBRSF04-04JIC
* 3/8"	Fibrolite	FLT06R	17.5	500	FBRSF/T/06-06JIC
3/8"	Fibrolite	FLT06	16.0	500	FBRSF/T/06-06JIC
1/2"	Fibrolite	FLT08	18.5	400	FBRSF/T/08-08JIC

Aug 2004 FLT06R hose with thick cover and 17.5 mm OD became the standard 3/8" Fibrolite gas hose

Fibrolite:

Hose Bore	Hose Type	Hose part No.	Hose O.D. (mm)	Max W P (psi)	Fitting Part No.
1/4"	Fibrolite	FBL04	12.5	500	FBRSF04-04JIC
3/8"	Fibrolite	FBL06	18.5	500	FBRSF06-06JIC
1/2"	Fibrolite	FBL08	21.5	500	FBRSF08-08JIC

The final five characters of the fitting part number represent the size and type of termination.

Assembly Procedures

Fitting of CFBX brass reusable hose ends:

- Cut the end of the hose square and remove any loose material.
- Carefully screw (left hand thread) the ferrule onto the hose to the end of the internal thread. It may be necessary to hold the hose in a soft jawed vice to do this.
- Once the ferrule is on the hose secure the ferrule in a vice.
- Lubricate the spigot tail with silicone grease and very gently, a ¼ turn at a time to avoid damaging the hose liner, screw (right hand thread) it into the ferrule until all the thread is inside the ferrule.

Testing

Testing of CFBX fitting/hose assemblies:

CFBX recommend that reusable hose fitting assemblies are always tested after the hose ends are fitted. This should be carried at 1.5 x WP (hold 2 mins) for a newly fitted hose end to check initial integrity and 1.1 x WP (hold 2 mins) for regular maintenance tests thereafter (particularly prior to any new project or use). If water is used this should be purged from the hose after test with any moisture residues cleared with a foam pig. CFBX umbilicals and single hoses leave our UK factory in new clean condition deemed suitable for breathing applications.

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