



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 1700	12-Oct-2004	Number 6	Issue date 1-Apr-2011	31-Dec-2011

Product designation

Recomb, Models XGQT1 to XGQT2, pipe couplings

(Refer to the Schedule/enclosures for further specified details)

Agent/distributor

Firequip Pty Ltd
39 Brodie Street, RYDALMERE, NSW, AUSTRALIA, 2116

Registrant

Firequip Pty Ltd
39 Brodie Street, RYDALMERE, NSW, AUSTRALIA, 2116

Producer

Shanghai Recomb Piping System Co. Ltd
270 Yixian Road, SHANGHAI, CHINA, 200434

Conformance criteria and evaluation

The Recomb, Models XGQT1 to XGQT2, pipe couplings have been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Factory Mutual - Evaluation, surveillance and approval, 'FM approval'.

Limitations/conditions of conformance

Limitations/conditions of conformance, where identified on this certificate, are derived from qualifications from evaluation(s) for conformity and/or other related technical documentation. All details with respect to design, assembly and installation instructions and restrictions should be checked against the producer's current technical manual/data sheets and the requirements of the Authority having Jurisdiction.

Specified limitations/conditions, determined from the evaluation for conformity, include the following.

- i. Installation pressures not exceeding the rated pressure specified by the listing and manufacturers recommendations.
- ii. Use of assembly components, including EPDM gaskets, nuts and bolts, as specified and supplied by the manufacturer.
- iii. Minimum schedule rolled groove pipe, 150NS or smaller-Schedule 10, 200NS or larger-5mm minimum wall thickness.
- iv. Minimum schedule cut groove pipe, 150NS or smaller-Schedule 40, 200NS or larger-Schedule 30.

Issued by

David Whittaker
Executive Officer – ActivFire Scheme



Schedule to Certificate of Conformity

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Producer's description

The Recomb, Models XGQT1 to XGQT2, pipe couplings are available for rigid or flexible pipe systems.

The rigid pipe couplings provide a completely rigid joint that does not allow for linear movement of the pipe assembly. They fix the connected pipe ends at their maximum allowable separation and prevent lateral or flexural movement. The rigid systems are suitable for applications such as risers, valve connections and installations in mechanical rooms where temperature fluctuations are small, and generally where the application or design calls for rigid installations.

The flexible pipe couplings are designed to provide sufficient controlled angular, linear and rotational movement at each joint to accommodate expansion, contraction, setting, vibration, and other application related movement in piping systems.

Technical specification

The following details are a representative extract of the technical specification for the Recomb, Models XGQT1 to XGQT2, pipe couplings and may be subject to change. Complete and current details should be determined from the designated supplier's/manufacture's technical manual/data sheets.

Model details

Model	Type	Sizes (Nominal*)	Rated pressure
XGQT1	Rigid coupling	25 mm, 32 mm, 40 mm, 50 mm, 65 mm, 80 mm, 100 mm,	2070 kPa
		125 mm, 150 mm	
		250 mm, 300 mm	1205 kPa
XGQT2	Flexible coupling	25 mm, 32 mm, 40 mm, 50 mm, 65 mm, 80 mm, 100 mm,	2070 kPa
		125 mm, 150 mm, 200 mm	
		250 mm, 300 mm	1205 kPa

* The dimensional compatibility of the coupling must be verified with the actual size of the pipe to which it is to be connected. Refer to manufacturer's technical data.

Components

Housing:	Material:	Ductile iron casting to ASTM A-536 and GBI348-88
Gasket:	Material:	EPDM, ISO:6182
	Colour:	Black
	Temperature range:	-34°C to +140°C
Assembly:	Bolts:	Grade 8.8, white-blue galvanised, heat treated