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CJ

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

CJ/T 190-2004

Replacing CJ/T 190-2004

**Polyethylene/aluminum/polyethylene composite pipe press
fitting**

铝塑复合管用卡压式管件

(English Translation)

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard replaces CJ/T 190-2004 "aluminum-plastic composite pipe compression fittings," compared with the CJ/T 190-2004 main technical changes as follows.

--- Increasing the hardness requirements of the metal ferrules and dual bell mouth structure (see Table 1, Figure 3);

--- Increased nominal diameter 14,18 specifications and related requirements (see 6.2.2,6.2.3,6.2.4,6.2.5,6.4.1,6.4.7);

--- Increased anti-torque performance and test methods (see 6.6,7.6);

--- Move the contents of the original Appendix A to the main text, delete all the appendices (see 6.4, Appendix A of the 2004 edition).

This standard proposed by the Ministry of Housing and Urban Standard and Design Institute.

This standard by the Ministry of Housing and Urban Water Supply and Drainage Standardization Technical Committee building centralized.

This standard was drafted. Rifeng Enterprise Group Co., Ltd., the national ceramic and plumbing products Quality Supervision and Inspection Center, Zhejiang double Lin Machinery Co., Ltd., Nichido Technology Co., Ltd., Nichiro Building Materials (Tianjin) Co., Ltd.

1 Scope

This standard specifies the terms and definitions, classification and marking, materials, requirements, test side Law, inspection rules, marking, packaging, transportation and storage.

This standard applies to the maximum allowable working pressure delivery is not greater than 1.0MPa fluid (cold water, hot water, gas, heating, compressed air and special Kind of fluid, etc.) of aluminum-plastic composite pipe (referred to as pipe) with card-pressure tube.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 1176 cast copper and copper alloy GB/T 1220 stainless steel rod GB/T 2828.1 Sampling procedures for inspection - Part 1. Batch inspection sampling plan by acceptance quality limit (AQL) GB/T 3280 stainless steel cold-rolled steel sheet and strip GB/T 5231 processing copper and copper alloy grades and chemical composition GB/T 5720 O-ring rubber test methods Thermoplastics pipes for the conveyance of fluids - Pressure resistance test methods GB/T 7306.1 55 ° sealing pipe threads - Part 1. Cylindrical and tapered male thread GB/T 7307 55 ° non-sealed pipe thread GB/T 14832 standard elastomer materials and hydraulic fluids compatibility test Fluidized plastic pipes - Hydraulic instantaneous burst and pressure test methods GB/T 18997.1 aluminum-plastic composite pressure pipe - Part 1. aluminum pipe lap welded aluminum-plastic pipe GB/T 18997.2 aluminum-plastic composite pressure pipe Part 2. aluminum pipe butt-welded aluminum-plastic pipe Thermoplastics pipes, fittings and valves - General terms and definitions

3 Terms and definitions

GB/T 19278 and defined by the following terms and definitions apply to this document.

Pressurized fittings pressfitting by the pipe body, the metal card sets, rubber seals (referred to as the ring) and the positioning of the ring, etc., through special tools will be metal sleeve pressure Tight tube in the outer wall to achieve the sealing connection of the tube (see Figure 1).