



## Manufacturer's Declaration

### C194 fittings

NDL Industries Inc.  
266 Marine Drive  
Vancouver, British Columbia  
V5X 2R5, Canada

NDL Industries Inc. hereby under the sole responsibility declare, that the following products (C194 fittings) are suitable for use with refrigerant fluids in Group 1 and Group 2. Fittings are designed to join the copper iron alloy tubes of air conditioning and refrigeration systems. Quality is assured by a quality management system complying with ISO 9001.

Declared technical features of the product:

Product	C194 fittings
Product Name Range	CO1019 - CO40103
Size Range	From 3/8" up to 2 1/8"
Application	Air conditioning and refrigeration. Designed for high-pressure applications, especially for CO <sub>2</sub> (R744) systems.
Material	Copper alloy CuFe2P C19400
Material Composition	Fe 2.10 - 2.60%, P 0.015 - 0.15%, Pb ≤ 0.03%, Zn 0.05 - 0.20%, Cu balance
Maximum operating pressure	130 bar / 13 MPa / 1885 psi at 150° C / 302° F
Operating temperature	-196° C to 150° C / -320° F to 302° F
Burst pressure	>390 bar / >39 MPa / >5656 psi
Tube compatibility	Compatible with main pipe types manufactured from copper iron alloys available on the market.
Identification	Each fitting is marked with a "130 bar" pressure indication, to be easily identified.

These products must satisfy the following requirements, listed in Article 4, paragraph 3 of Directive 2014/68/EU:

Shall be designed and manufactured in accordance with the sound engineering practice of a Member State in order to ensure safe use. Pressure equipment and assemblies shall be accompanied by adequate instructions for use. Shall not bear the CE marking.

Authorized person

Name Tal Gutbir  
Title President of NDL Industries  
Date 2023-02-27

Signature



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