

CANADIAN ARMOUR LTD., CANARMOR.

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RICHMOND HILL
CANADA

TECHNICAL REPORT

Report No.: IN-01170/2020-4
Total pages: 4

PRESENTED SAMPLE

Sample description:

According to the information provided by the applicant:

Product description: Double lock chain
model handcuffs
Reference: 3020 double lock chain model
handcuffs



Date of entry: July 13th, 2020

REQUESTED TESTS

- DETERMINATION OF TENSILE STRENGTH.

This is a copy of report IN-01170/2020-2, issued by LEITAT on August 06th, 2020. Report reissued according to the request of the original owner AKAR GERMANY - ZEKI CALISIR.

STA Technical Responsible – Materials Area
Albert Briz

STA Laboratory Manager
Jordi Jamilena

Terrassa, October 30th, 2020

DETERMINATION OF TENSILE STRENGTH.

According to: Conditions specified by the applicant.

Scope: The purpose of this test is to determine the tensile strength of the handcuffs presented by the applicant.

Test equipment: Universal testing machine, ZWICK, no.EQ767
Load cell, ZWICK, 10kN (Class 0,5)

Pre-conditioning of the capsules: not required.

Test conditions:

Identification of test material: *According to the information provided by the applicant*

- *Product description: Double lock chain model handcuffs*
Reference: 3020 double lock chain model handcuffs

Test atmosphere: 23°C ± 2°C and 50% h.r. ± 5% h.r.

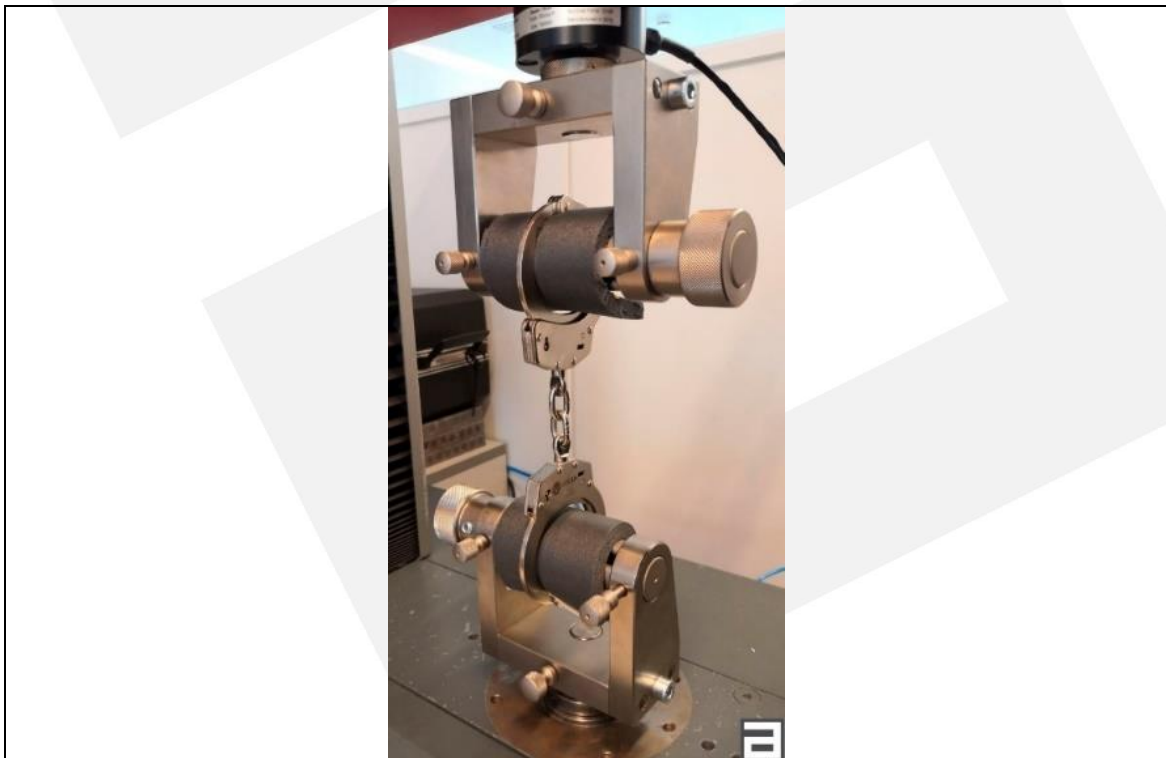
Number of samples tested: 5

Test parameters:






- Pre-load: 0,2 kg
- Pre-load speed: 50 mm/min.
- Test speed: 50 mm/min.

Date of performance: July 30th, 2020

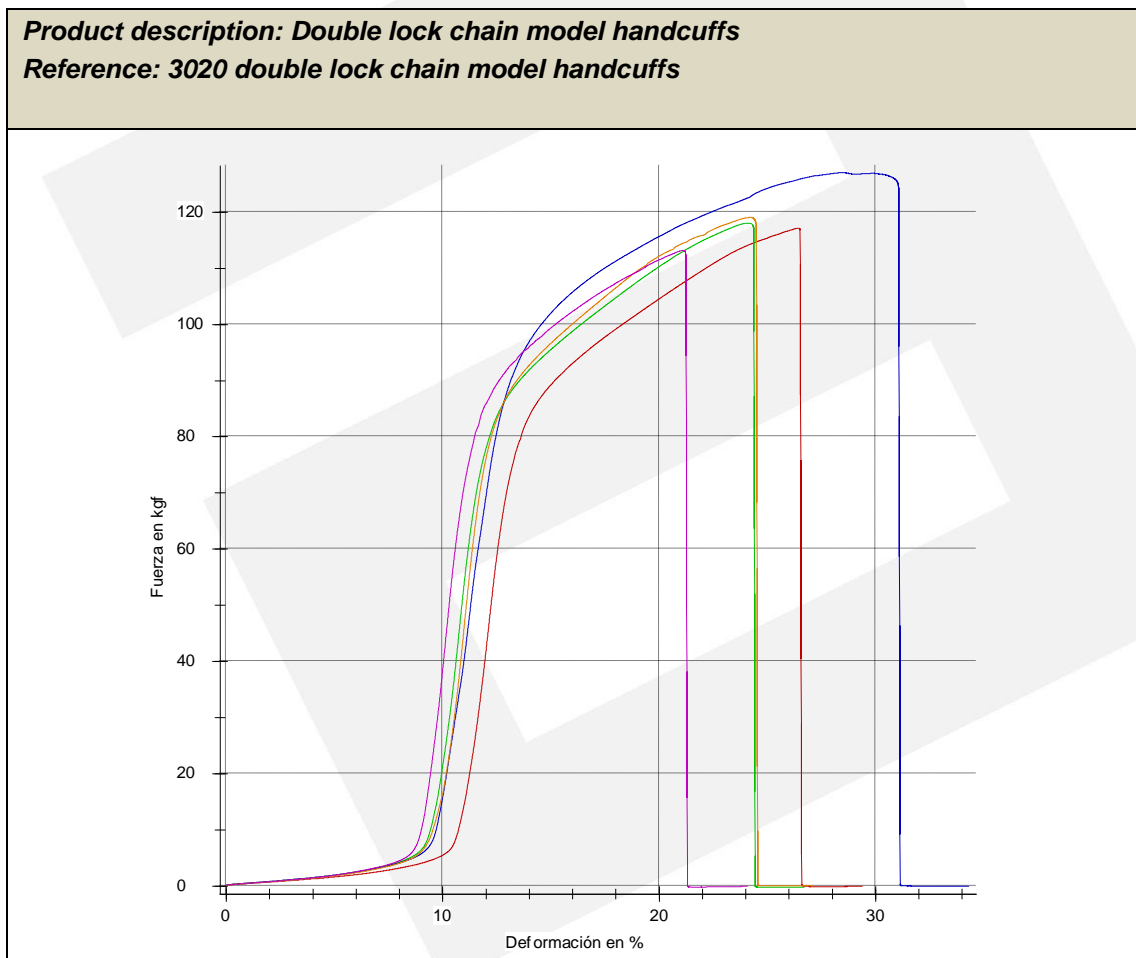
Test set up:



Results:

Product description: Double lock chain model handcuffs			
Reference: 3020 double lock chain model handcuffs			
Sample no.		Maximum Load (kg)	Failure
#1		117	Deformation and opening of the handcuffs
#2		118	Deformation and opening of the handcuffs
#3		127	Deformation and opening of the handcuffs
#4		119	Deformation and opening of the handcuffs
#5		113	Deformation and opening of the handcuffs
Mean value		119	
S.D.		5	
C.V.		4	

Graph:



Pictures during the test:

Product description: Double lock chain model handcuffs
Reference: 3020 double lock chain model handcuffs

