

WLH:HLS  
VII-3

DEPARTMENT OF COMMERCE  
BUREAU OF STANDARDS  
WASHINGTON, D. C.

Letter  
Circular  
LC 57

(January 10, 1923)

TESTS ON ACRYLIC AND RUBBER SHEET PACKING

The enclosed blue prints show the results of comparative tests on various makes of Acrylic and Rubber Sheet Packing.

The compression tests were made with a ring die as shown on small blue print. The area of the ring in contact with the packing is one square inch and the compression takes place between the ring and a flat steel surface.

The tensile tests were made using test pieces cut with a 1/4" die, 3" gage length, and with a speed of separation of the grips of 18 inches per minute.

Packing No.



20 16512

For compression  
test of rubber  
and asbestos  
sheet packing  
To be made of  
machine steel  
Scale -  $\frac{1}{2}$  size.

28 2

20 16518

Compressive stress

Lbs. per sq. in.

Transverse

Lbs. per sq. in.

Longitudinal

Lbs. per sq. in.

% Ash

70

70000

60000

50000

40000

30000

2000

1000

0

0

60

50000

40000

30000

20000

10000

0

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