

Publications of the  
DEPARTMENT OF COMMERCE  
BUREAU OF STANDARDS  
WASHINGTON

Letter  
Circular  
LC 2

November 5, 1921

LEATHER, PAPER, RUBBER, AND TEXTILES

(The publications not starred may be purchased from the Superintendent of Documents, Government Printing Office, Washington, D. C., at the prices stated. Those marked with a star are out of print, but may be consulted at leading libraries.)

Scientific Papers

Number	Title	Price
*S 174	The determination of total sulphur in India rubber (1911) . . . . .	5¢
S 387	Permeability of rubber to gases (1920) . . . . .	10¢



T e c h n o l o g i c P a p e r s

Number	Title	Price
*T 19	Physical testing of cotton yarns (1913) . . . . .	10¢
*T 35	Combustion method for the direct determination of rubber (1914) . . . . .	5¢
*T 45	A study of some recent methods for the determination of total sulphur in rubber (1915) . . . . .	5¢
*T 57	Difference in weight between raw and clean wools (1915)	5¢
T 64	Determination of barium carbonate and barium sulphate in vulcanized rubber goods (1916) . . . . .	5¢
T 67	Some qualitative tests for gum arabic and its quantitative determination (1916) . . . . .	5¢
T 68	Standardization of automobile-tire fabric testing (1916) . . . . .	10¢
T 87	Recovery of paraffin and paper stock from waste paraffin paper (1916) . . . . .	5¢
T 88	Studies of paper pulps (1917) . . . . .	5¢
*T 96	Comparative tests of stitches and seams (1917) . . . . .	5¢
T 113	Determination of permeability of balloon fabrics (1918)	10¢
T 136	Determination of free carbon in rubber goods (1919) . .	5¢
T 138	Effects of glucose and salts on the wearing quality of sole leather (1919) . . . . .	10¢
T 145	Direct determination of India rubber by the nitrosite method (1919) . . . . .	5¢
T 147	An apparatus for measuring the relative wear of sole leathers, and the results obtained with leather from the different parts of a hide (1919) . . . . .	5¢
T 153	Area measurement of leather (1921) . . . . .	10¢
T 154	Determination of cellulose in rubber goods (1920) . . .	5¢

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Number	Title	Price
T 160	Effects of oils, greases, and degree of tannage on the physical properties of russet leather (1920) . . . . .	5¢
T 162	Extraction of rubber goods (1920) . . . . .	5¢
T 166	Laboratory wearing test to determine the relative wear resistance of the different depths throughout the thickness of a hide (1920) . . . . .	5¢
T 187	A study of test methods for the purpose of developing standard specifications for paper bags for cement and lime (1921) . . . . .	5¢
T 189	Method for differentiating and estimating unbleached sulphite and sulphate pulps in paper (1921) . . . . .	5¢
T 194	A preliminary study of tearing instruments and tearing test methods for paper testing (1921) . . . . .	5¢



C i r c u l a r s

Number	Title	Price
C 38	The testing of rubber goods . . . . .	20¢
C 41	Testing and properties of textile materials . . . . .	10¢
*C 63	Specification and tests for the transparency of paper and tracing cloth . . . . .	5¢
C 70	Materials for the household . . . . .	25¢
C 96	Recommended specifications for quicklime and hydrated lime for use in the cooking of rags for the manufacture of paper . . . . .	5¢
C 107	The testing of paper . . . . .	10¢
C 114	Standard specifications for cotton rubber-lined fire hose (1921) . . . . .	5¢
C 115	Recommended specifications for pneumatic tires, solid tires, and inner tubes . . . . .	5¢

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This ensures transparency and allows for easy verification of the data.

In the second section, the author outlines the various methods used to collect and analyze the data. This includes both manual and automated processes. The goal is to ensure that the information is both reliable and up-to-date.

The third part of the report details the results of the analysis. It shows a clear trend of growth over the period covered. This is attributed to several key factors, including improved operational efficiency and increased market demand.

Finally, the document concludes with a series of recommendations for future actions. These are based on the findings of the analysis and are designed to further optimize performance and address any identified weaknesses.



M i s c e l l a n e o u s   P u b l i c a t i o n s

Number	Title	Price
M 15	Some technical methods of testing miscellaneous supplies including paints and paint materials, inks, lubricating oils, soaps, etc. . . . .	15¢
M 19	Proceedings of the second annual textile conference held at the Bureau of Standards (1917) . . . . .	





