

STANDARD SPECIFICATIONS
FOR
COTTON RUBBER-LINED FIRE HOSE FOR PRIVATE
FIRE DEPARTMENT USE.

Serial Designation: D 14 - 23

These specifications are issued under the fixed designation D 14; the final number indicates the year of original adoption as standard, or in the case of revision, the year of last revision.

ADOPTED, 1915; RESUBMITTED AS TENTATIVE, 1921; ADOPTED IN AMENDED
FORM, 1923.

Material
Covered.

1. These specifications apply to cotton rubber-lined hose for private use for fire protection purposes. They cover the following sizes: 1½-in. single and double-jacketed; 2-in. single and double jacketed; 2½-in. single, double and triple-jacketed; 3-in. double and triple-jacketed; 3½-in. double and triple-jacketed.

I. MANUFACTURE.

Cotton
Fabric.

2. (a) The jacket or jackets shall be well, evenly and firmly made from good cotton, as free from unsightly defects, dirt, knots, lumps and irregularities of twist as is consistent with good manufacturing practice.

(b) The cotton jackets shall be seamless and have the fillers woven around the hose throughout its length and the warps interwoven with and covering the fillers. Where more than one jacket is prescribed, they may be separate or interwoven.

Rubber
Lining.

3. (a) The lining shall be made a properly vulcanized rubber compound which will comply with all of the tests specified in Section 8. It shall consist of not less than three calendered sheets in one solid body and shall be lap-jointed with the lap as small and neat as is consistent with good results.

(b) The lining shall be smooth and practically free from pitting and other imperfections and from corrugations.

(c) The lining shall be of uniform thickness and not less than the lower limit nor more than the upper limit given in item (b) of Table I, exclusive of the backing.