

STANDARD SPECIFICATIONS
FOR
RUBBER BELTING FOR POWER TRANSMISSION

Serial Designation: D 53 - 24

These specifications are issued under the fixed designation D 53; the final number indicates the year of original adoption as standard or, in the case of revision, the year of last revision.

ISSUED AS TENTATIVE, 1918; ADOPTED IN AMENDED FORM, 1920; RESUBMITTED AS TENTATIVE, 1921; ADOPTED IN AMENDED FORM, 1924.

1. These specifications cover two classes of rubber belting for power transmission: Material Covered.

(a) *Friction Covered*.—Possessing no distinct rubber cover other than that imparted to the cotton duck by the regular rubber frictioning process.

(b) *Rubber-Covered*.—Possessing a distinct rubber cover over the outside plies of rubber-frictioned cotton duck and extending around the edges.

I. MANUFACTURE.

2. The belting shall consist of:

Construction.

(a) Cotton duck reinforcement;

(b) Rubber friction compound;

(c) An outside rubber cover, when specified.

3. The reinforcement shall consist of plies of cotton duck evenly and firmly woven, as free from such defects as foreign matter, knots, lumps and irregularities of twist as is consistent with the best manufacturing practice. Each ply shall be well frictioned on both sides with a rubber compound suitable for the required service. Reinforce-ment.

4. The seam in the outside ply of the belting shall be completely filled with a rubber cord, or "beading," well fastened down with a rubber cover-strip. Rubber Beading.

5. When rubber-covered belting is specified, the rubber cover shall be uniform in thickness and free from cracks, blisters or other defects which would impair its moisture-resisting qualities. Rubber Cover.