

CHANGE NOTICES ARE NOT  
CUMULATIVE AND SHALL BE  
RETAINED UNTIL SUCH TIME  
AS THE ENTIRE STANDARD IS  
REVISED.

Fed. Std. No. 162a  
May 9, 1967  
Change Notice 1  
January 4, 1968  
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FEDERAL STANDARD  
BOSE, RUBBER,  
VISUAL INSPECTION GUIDE FOR

The following changes in Fed. Std. No. 162a, dated May 9, 1967, have been approved by the Commissioner, Federal Supply Service, General Services Administration, for the use of all Federal agencies.

1. Corrected table and figures. The following corrections are a part of this standard:

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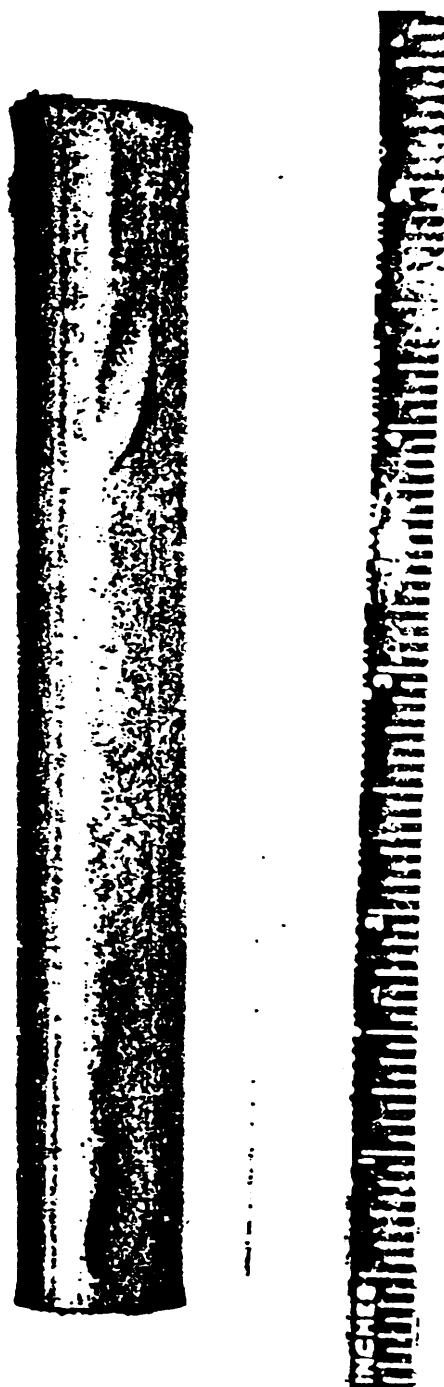
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FIGURE 30. Depression, small ad light: class A—major; classes B and C—minor.  
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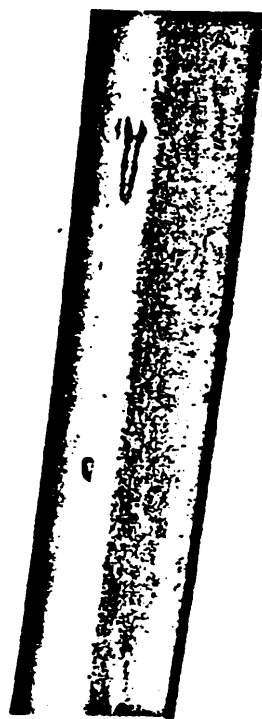


FIGURE 32. Depression. small and light: class A—major: classes B and C—minor.  
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FIGURE 33. Depression, small and light—minor  
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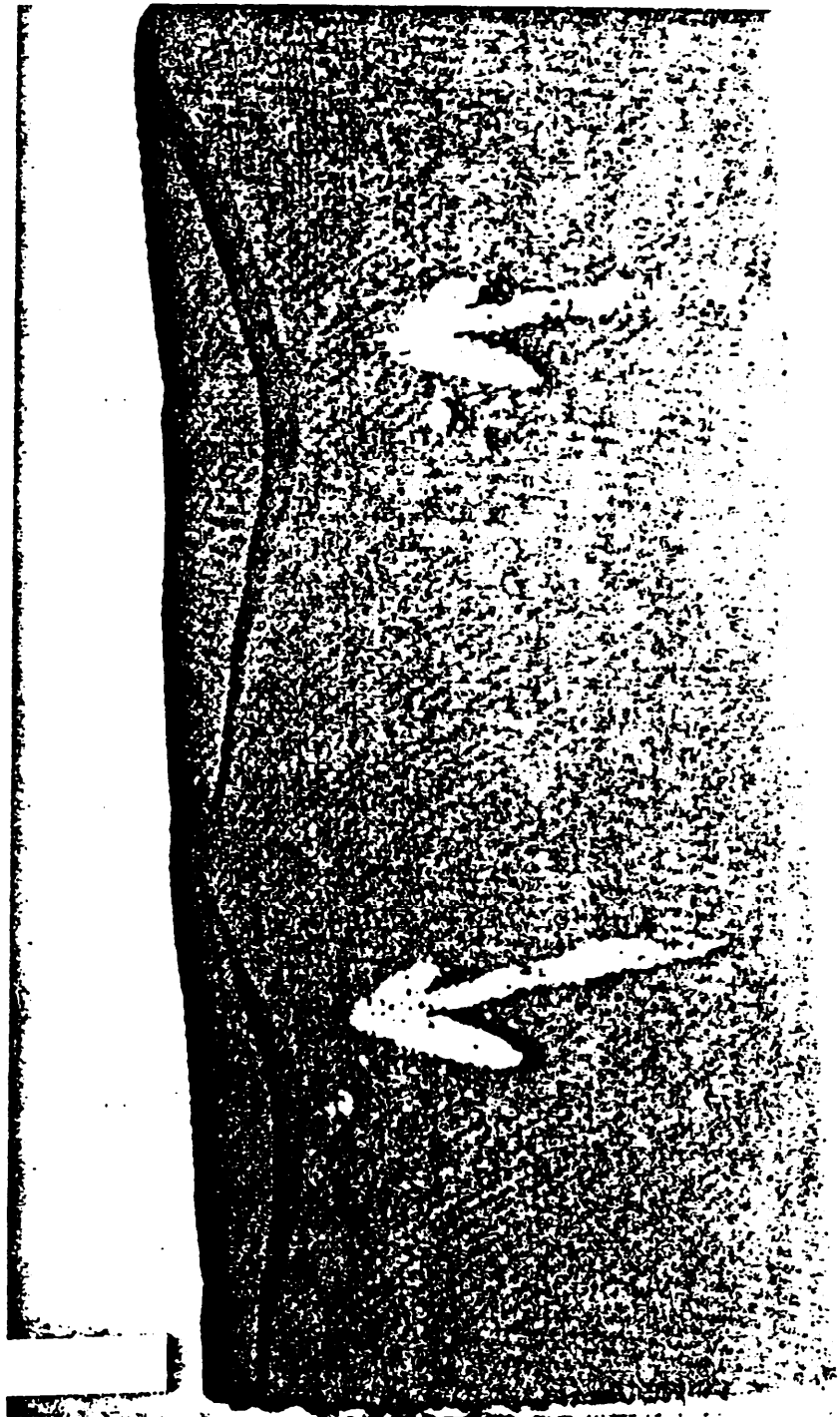


FIGURE 42. Lap: foldover, opening—major,  
(Corrected January 4, 1968)

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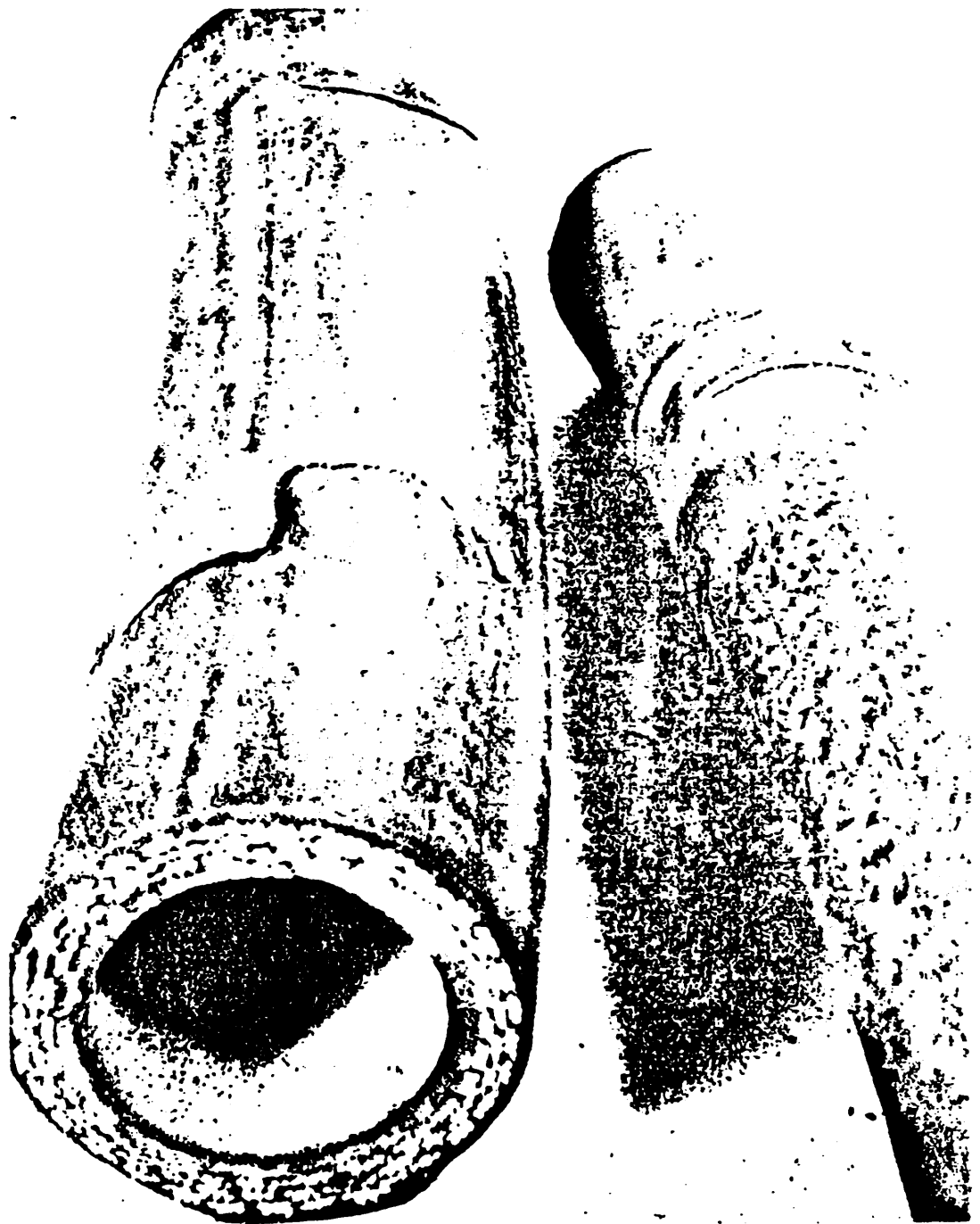


FIGURE 43. Lap: folkover, opening—major.  
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FIGURE 48. Charge mark:

- I—major.
- II—minor.
- III—Not a defect.

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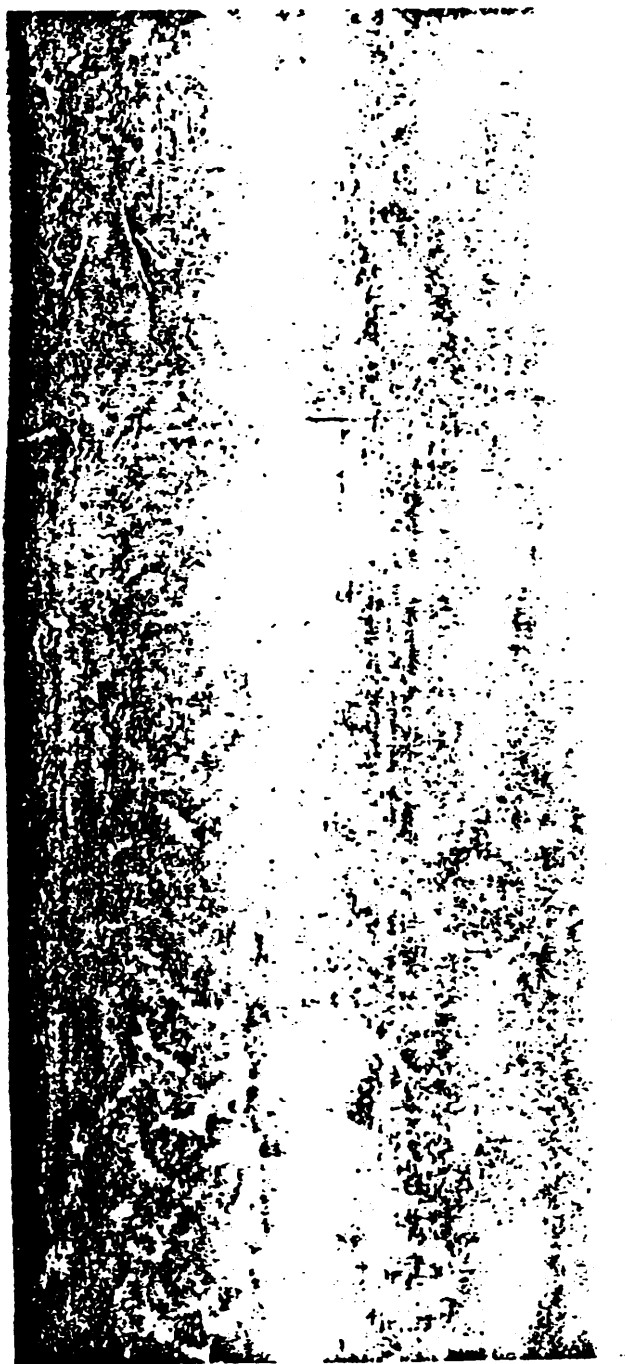


FIGURE 49. Charge mark: class A—minor; classes B and C—not a defect.  
(Corrected January 4, 1968)

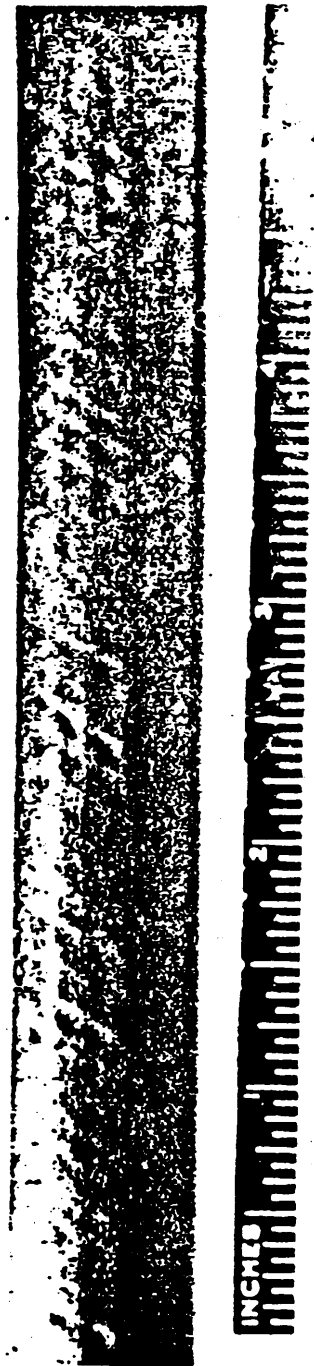


FIGURE 62. Light cover (roughness), thickness not below specified or not specified  
—minor.

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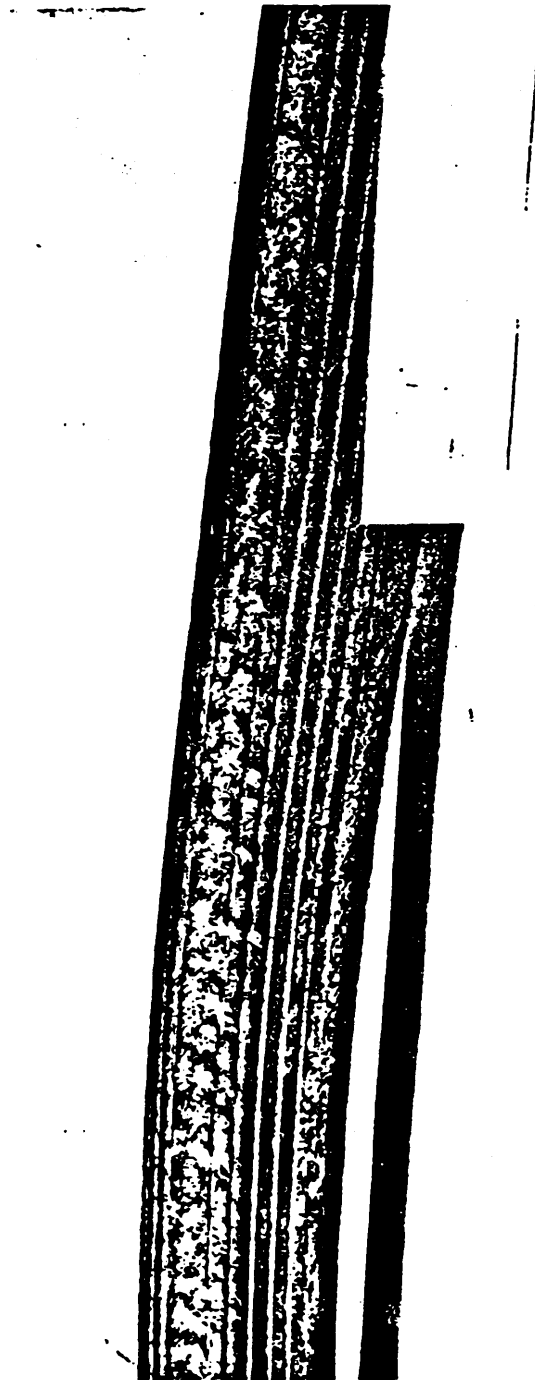


FIGURE 63. Light cover (roughness), thickness not below specified or not specified  
—minor.  
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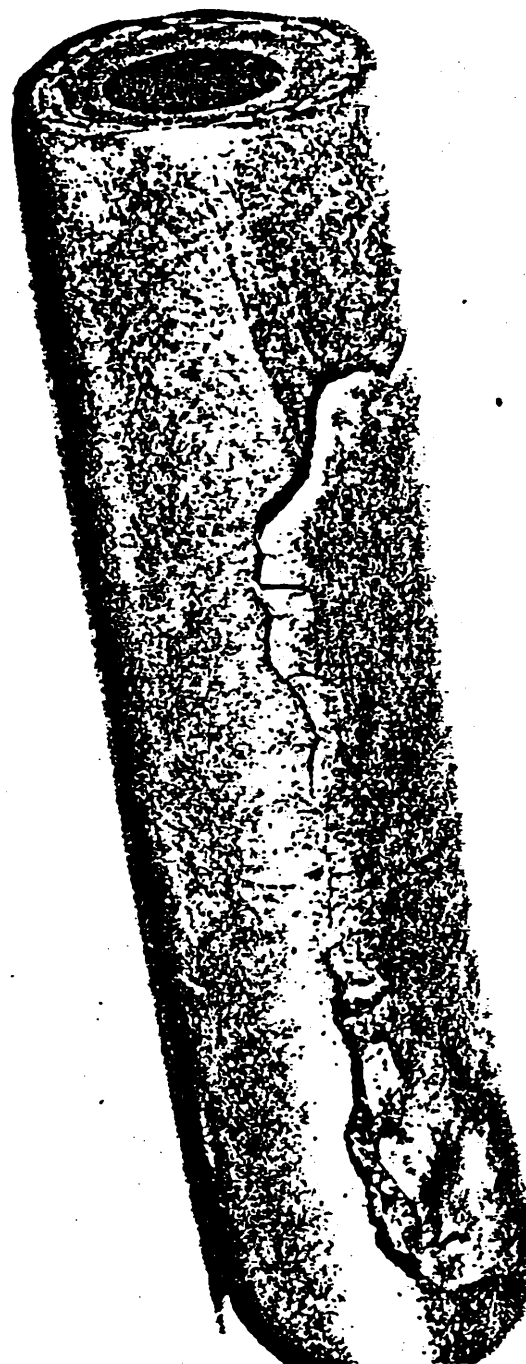


FIGURE 72. Patched cover, open edge—major.  
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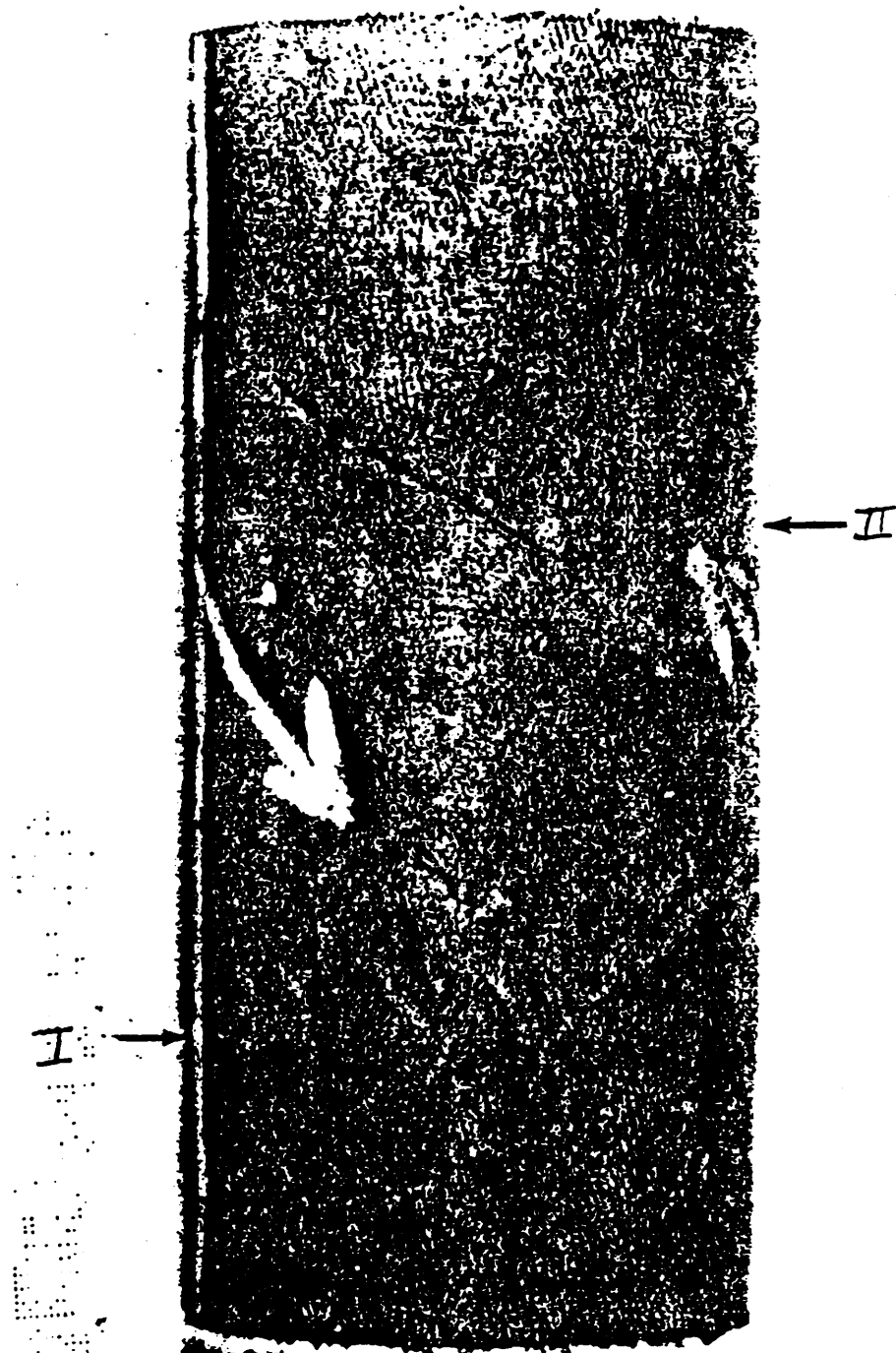


FIGURE 73. Patched cover:

I—Incorrect thickness, high or low—major.  
II—Correct thickness and securely cured—not a defect.

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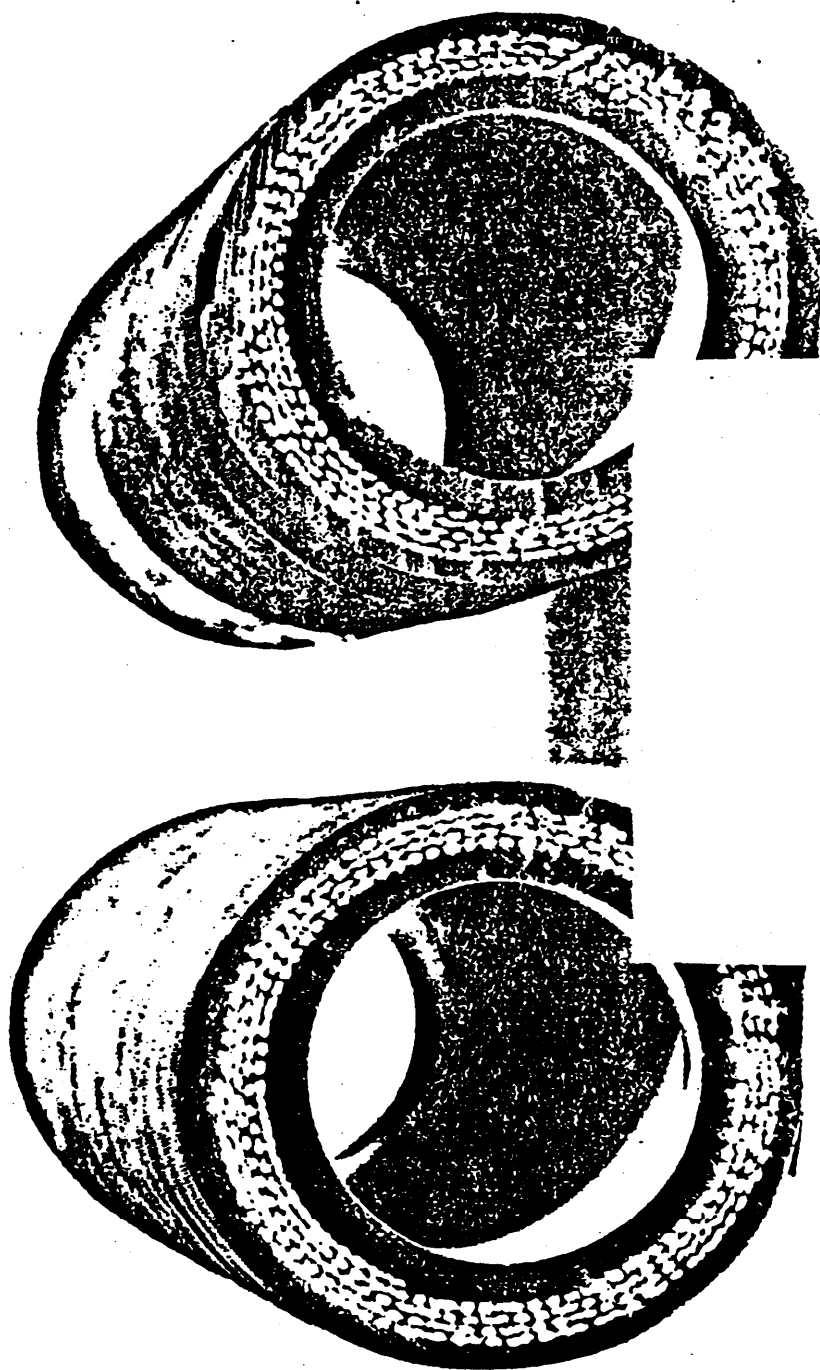


FIGURE 76. Porosity, small localized area, reinforcement not exposed—minor.  
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FIGURE 77. Pricker marks through to reinforcement—major (see note in table I for other classification).



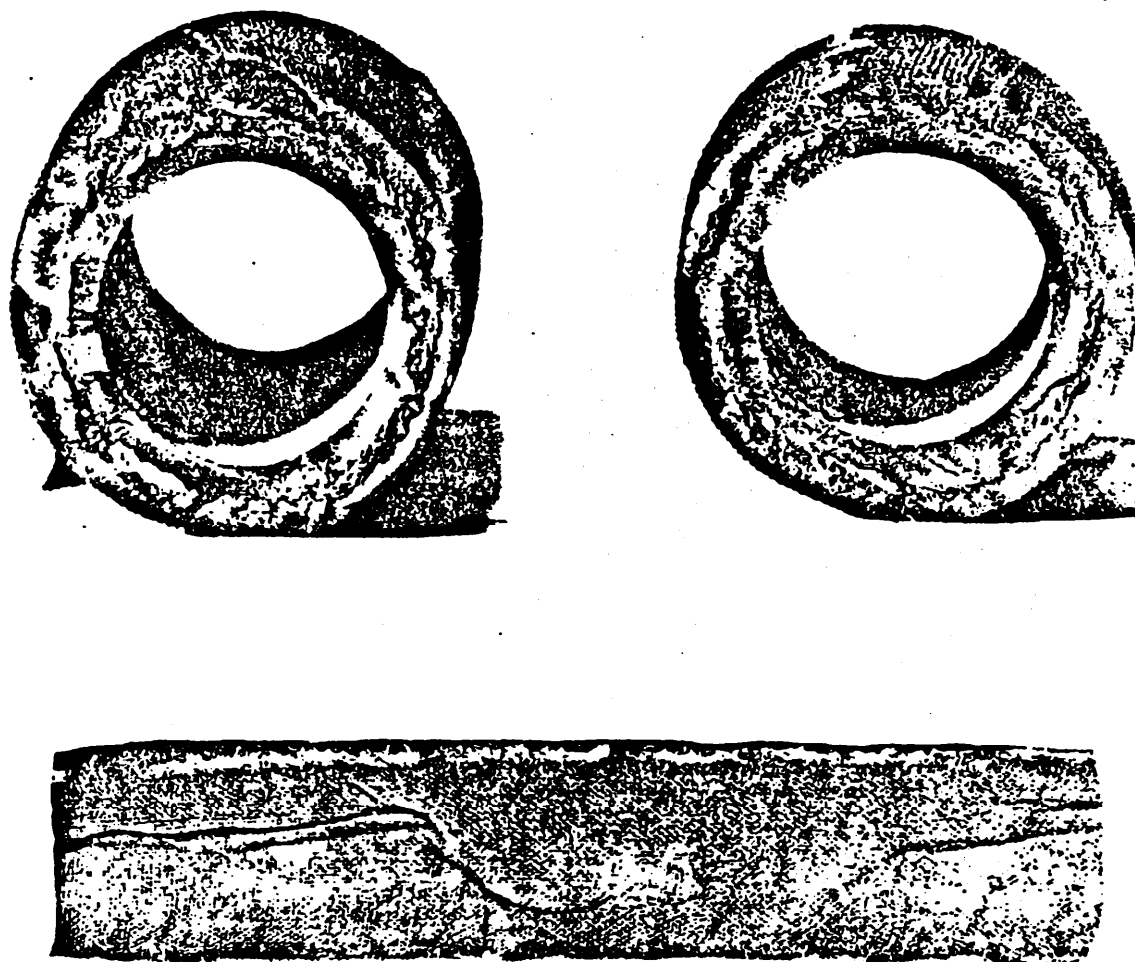


FIGURE 90. Wrinkles, wrapper, medium—major.  
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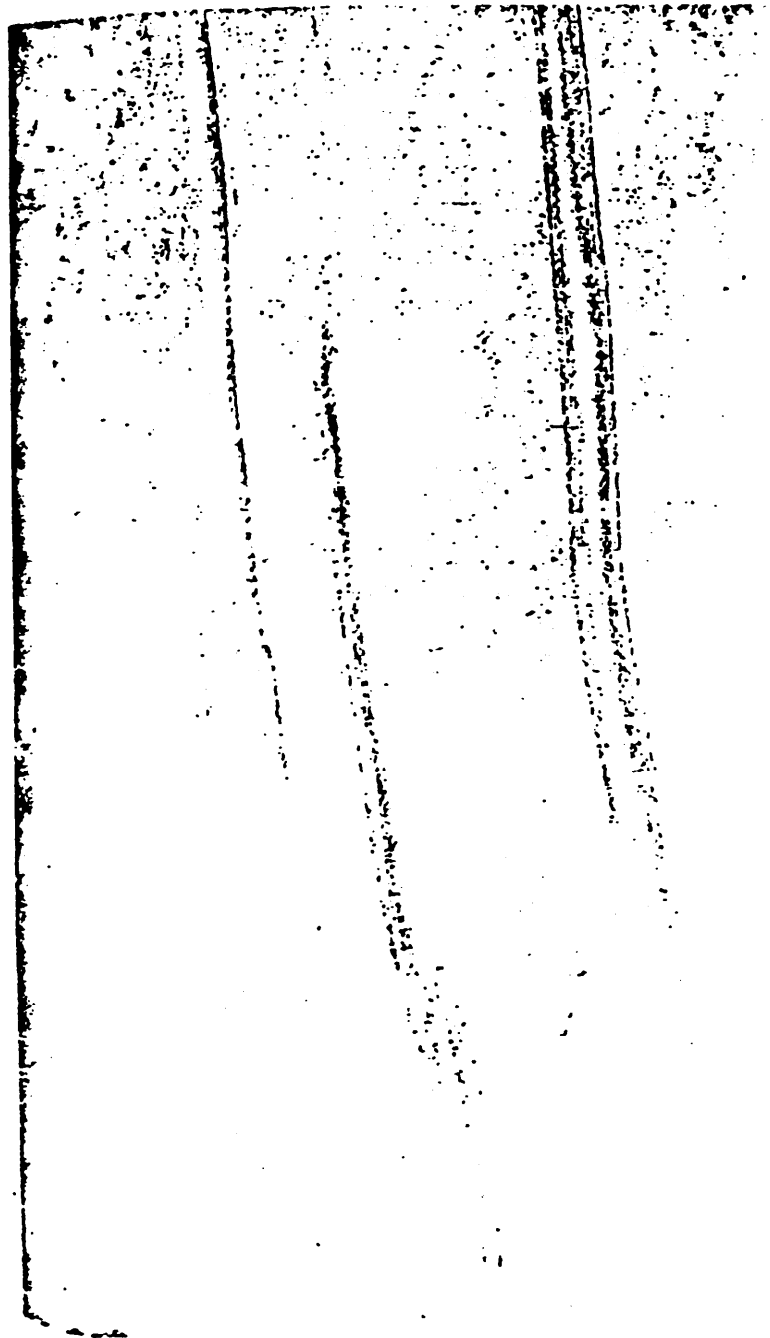


FIGURE 91. Wrinkles, wrapper, small—minor.

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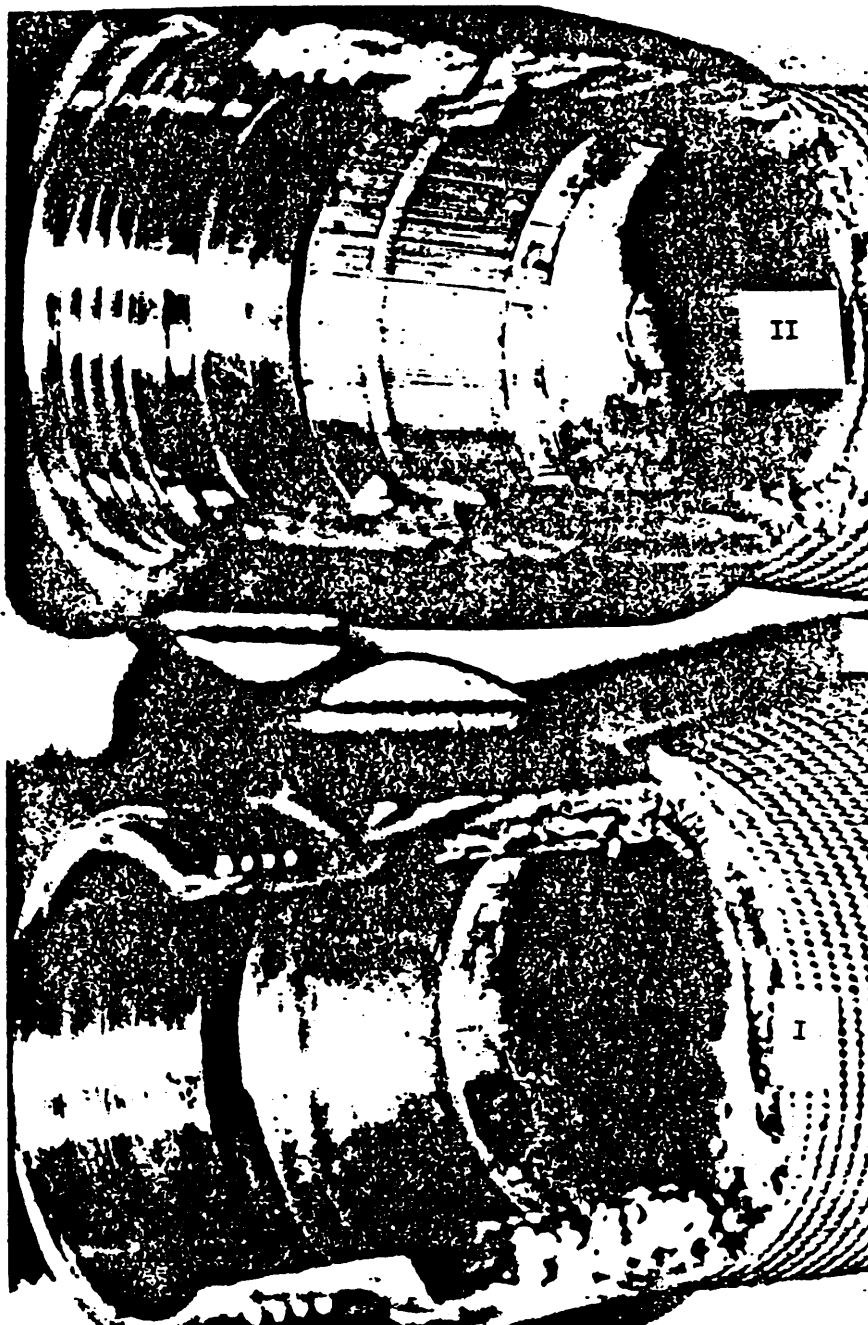


FIGURE 110. Gasket, tail or binder washer for expansion ring coupling:  
I—Not properly placed—major.  
II—Correct placement.

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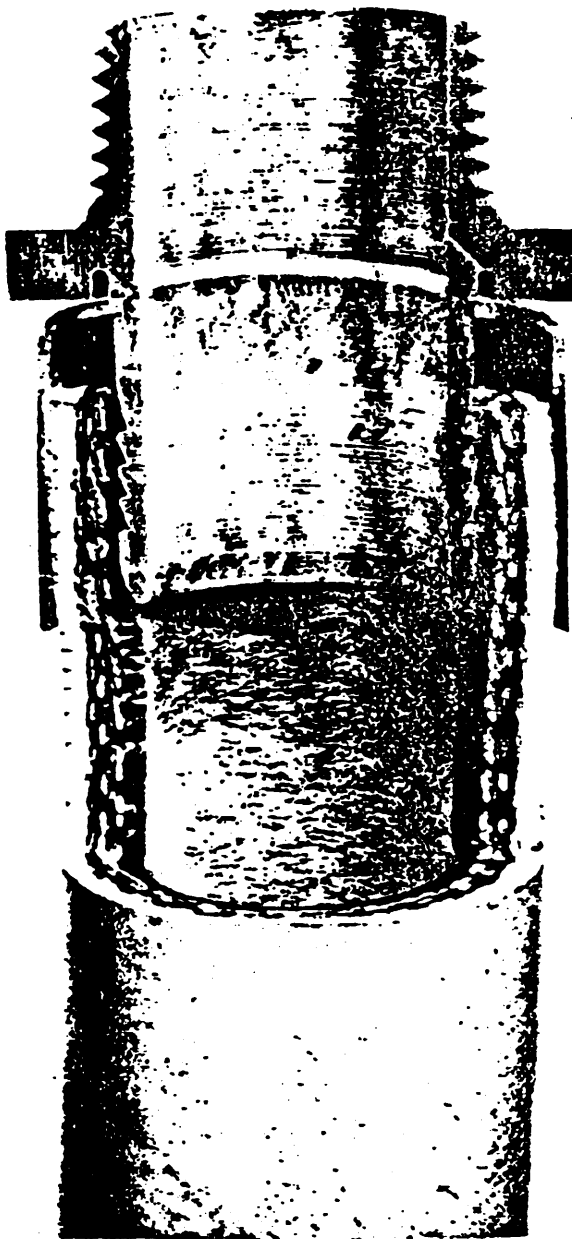


FIGURE 111. Insertion distance wrong—major.  
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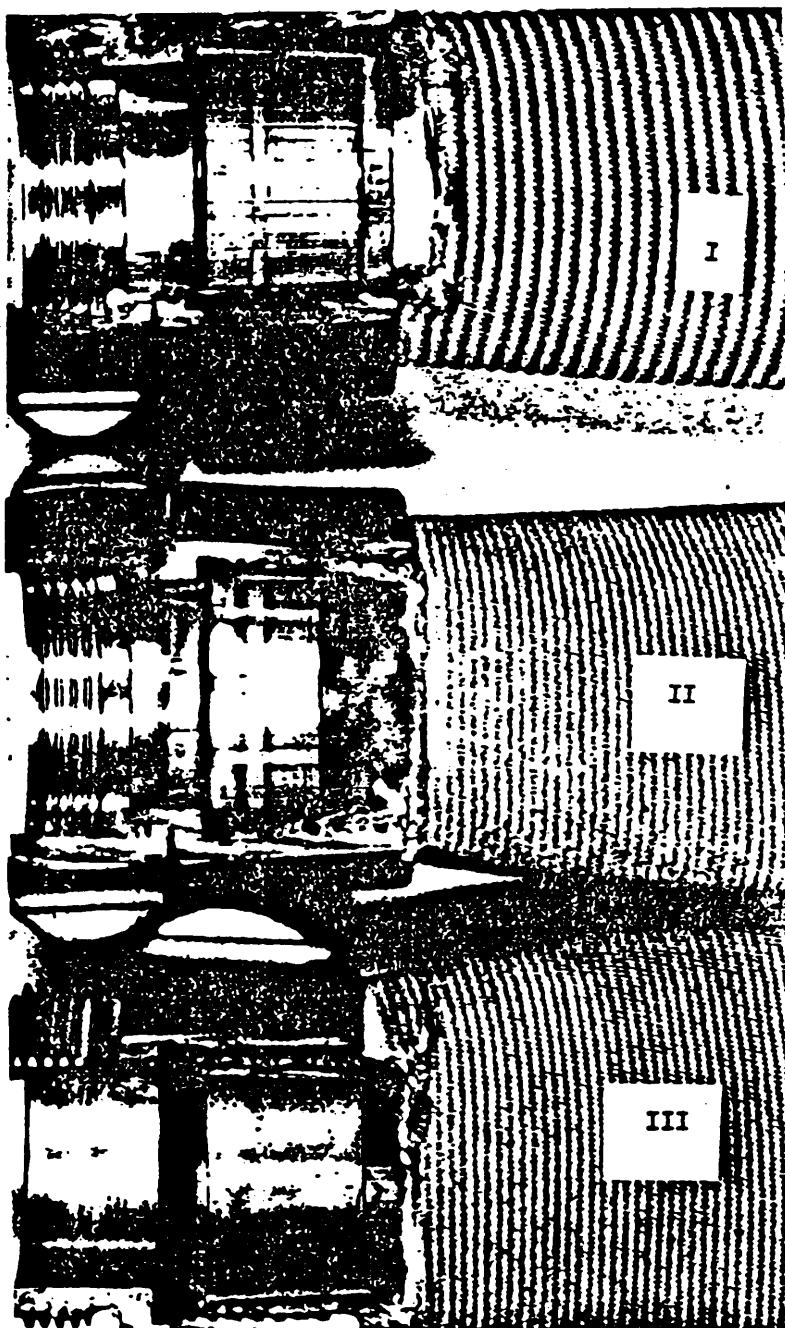


FIGURE 112. Ring, expansion, improperly placed:

I—Correct.

II—Ring in waterway—major.

III—Too much gap—major.

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FIGURE 113. Cement in tube—minor.

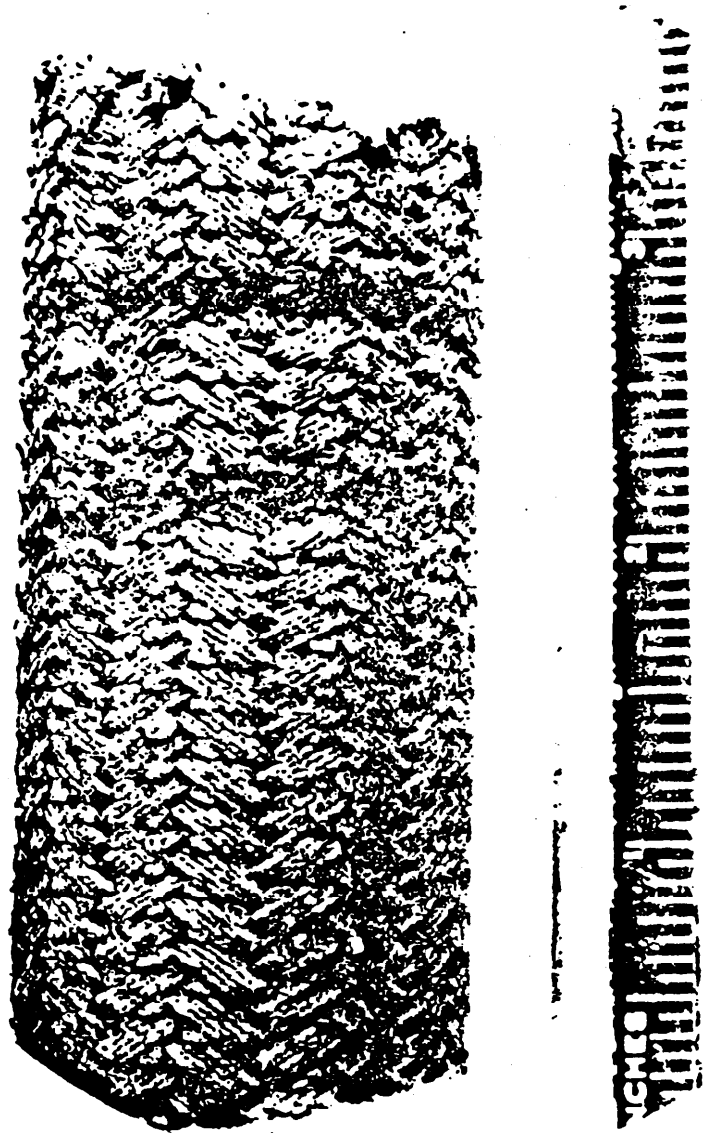


FIGURE 116. Clamp mark—major.  
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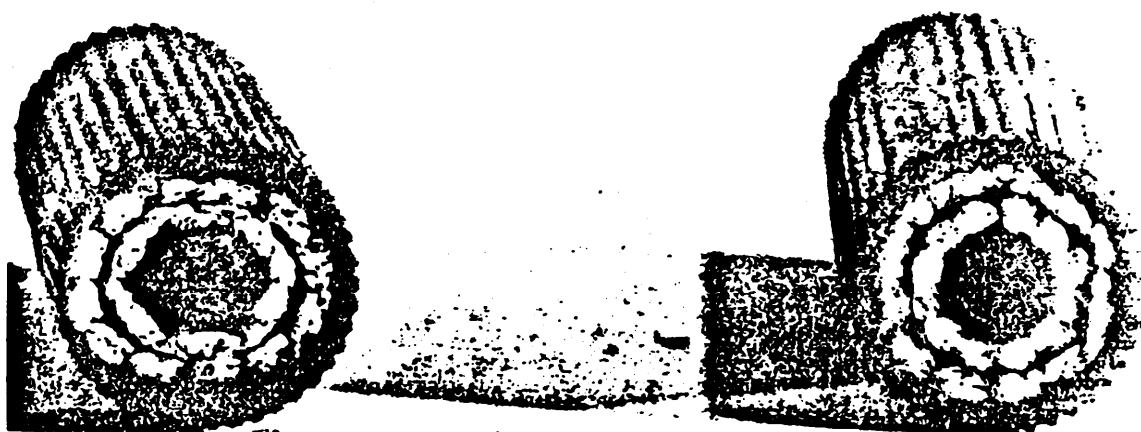


FIGURE 117. Clamp mark—major.  
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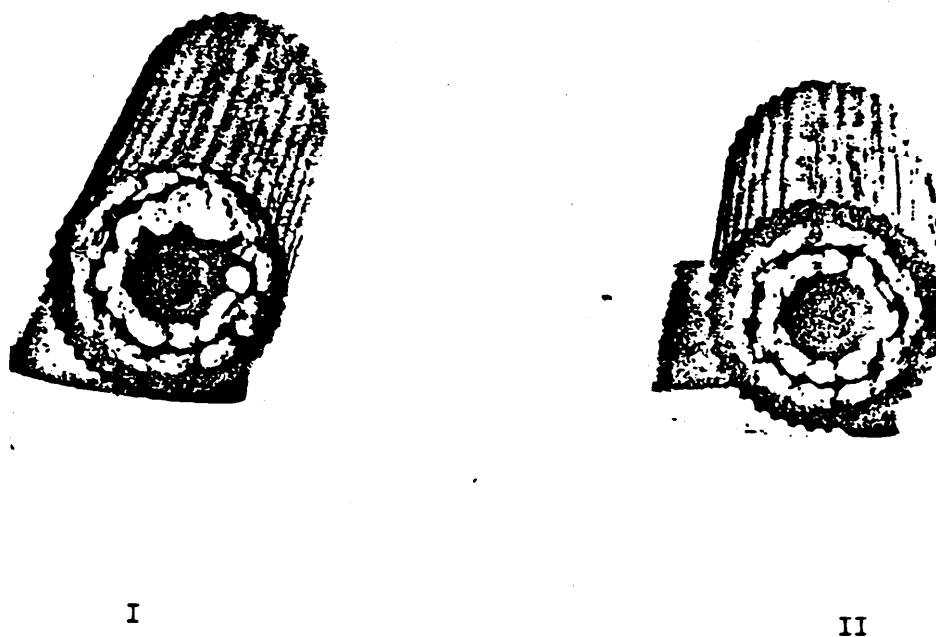


FIGURE 130 Ball-up:  
I—Yarn ball-up—major.  
II—Normal hose.

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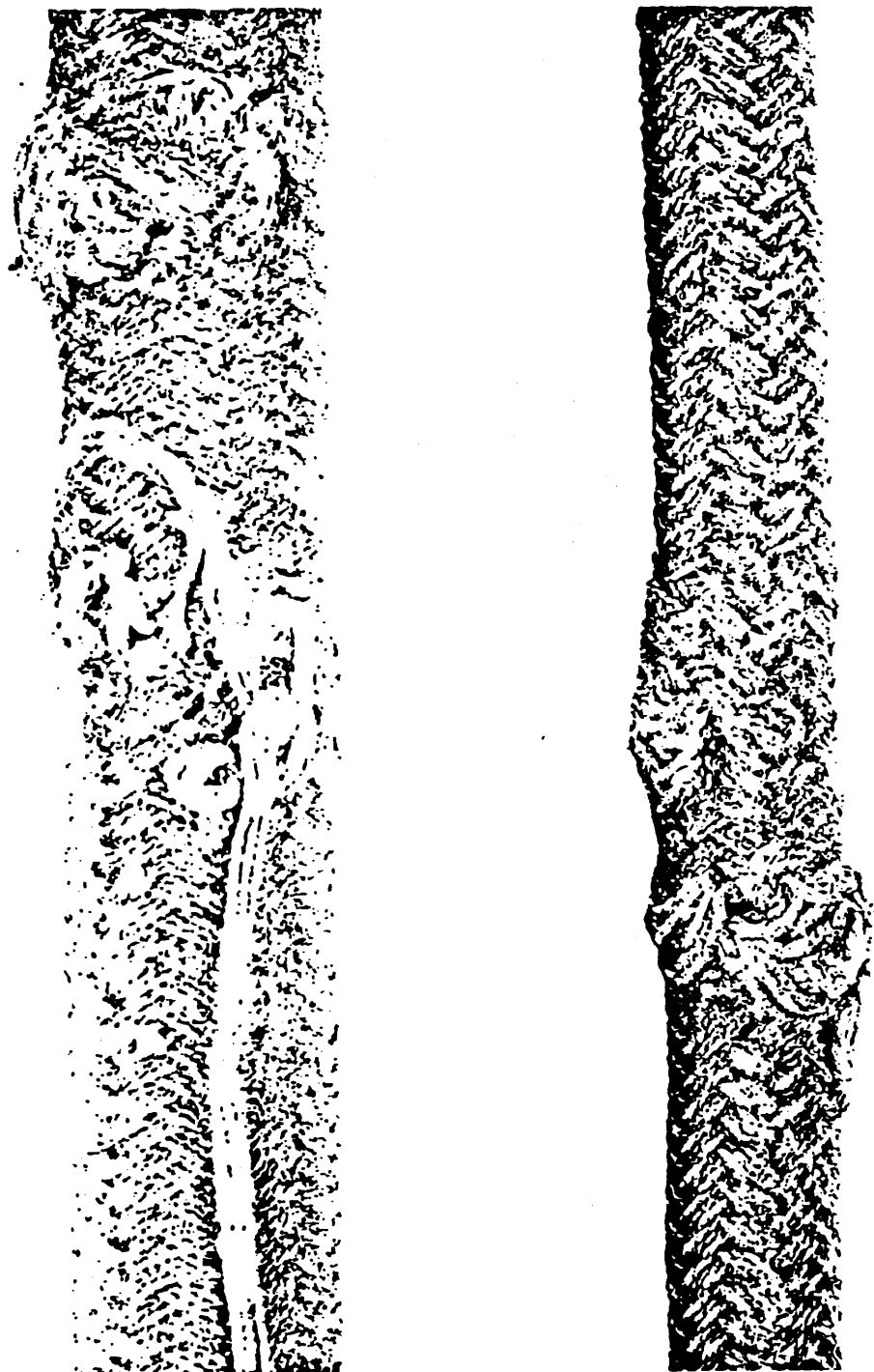


FIGURE 131. Ball-up—major.

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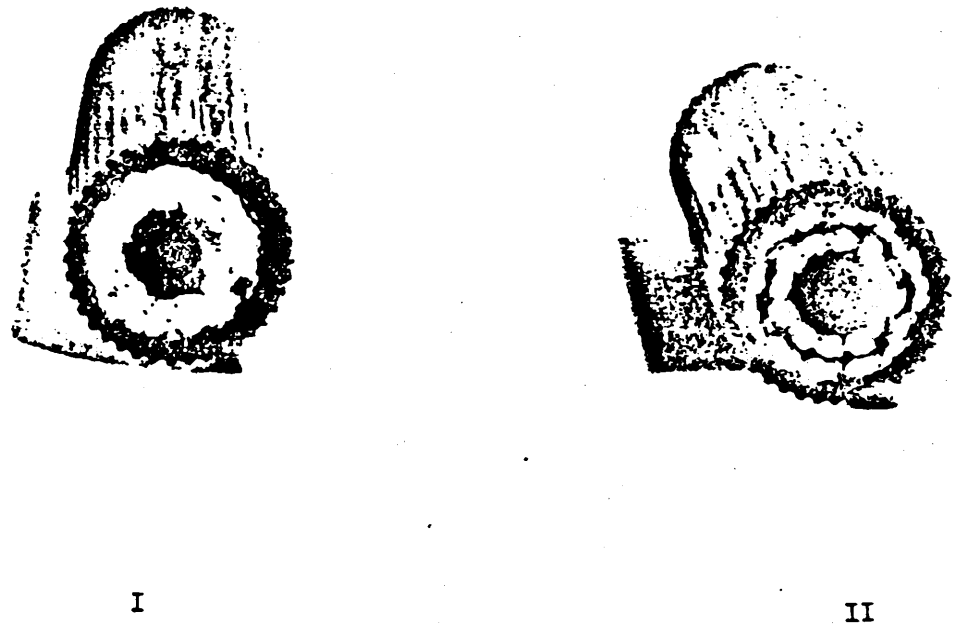


FIGURE 138. Friction between braids, where specified, missing:  
I—Friction missing—major.  
II—Normal hose.

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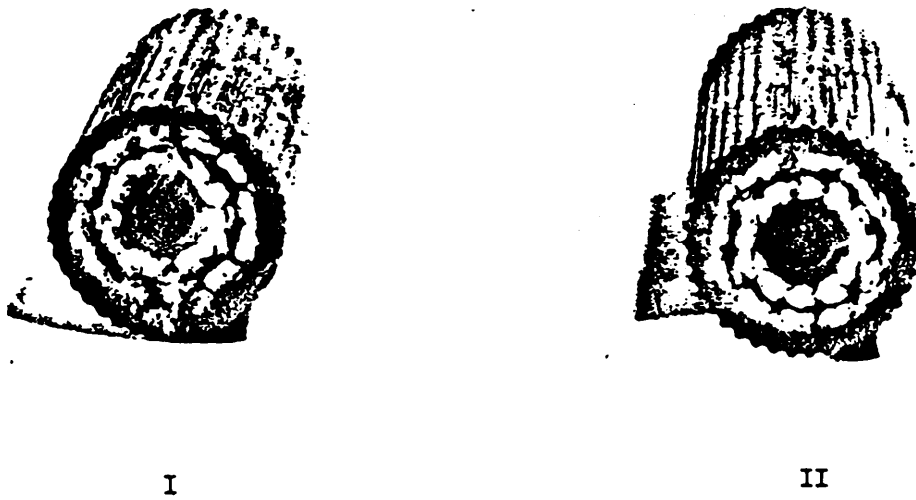


FIGURE 139. Knot in yarn:

I—Knot in yarn—major.

II—Normal hose.

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FIGURE 152. Wire through cover—major.

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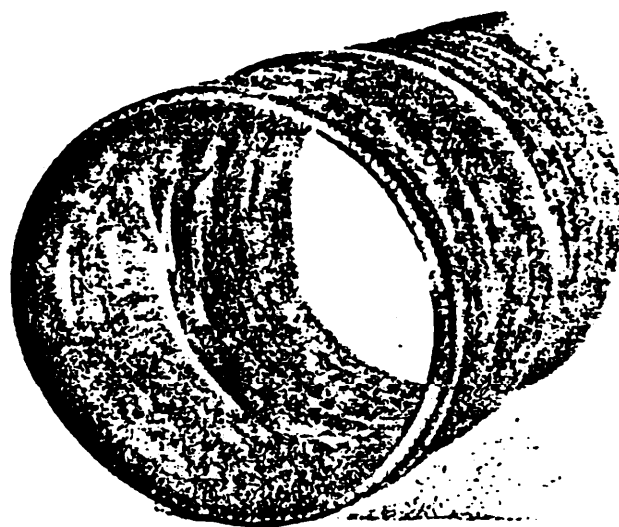


FIGURE 153. Wire through tube—major.

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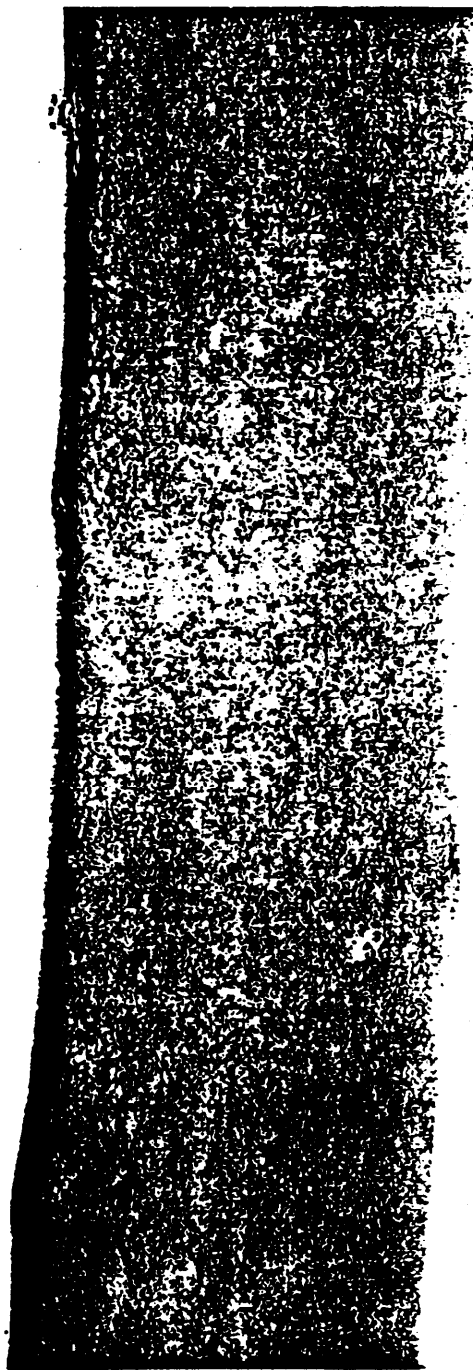


FIGURE 166. Wire, static, bulge: with loose cover—major; dynamic use (Air Force procurement only)—major; with adhered cover—not a defect.

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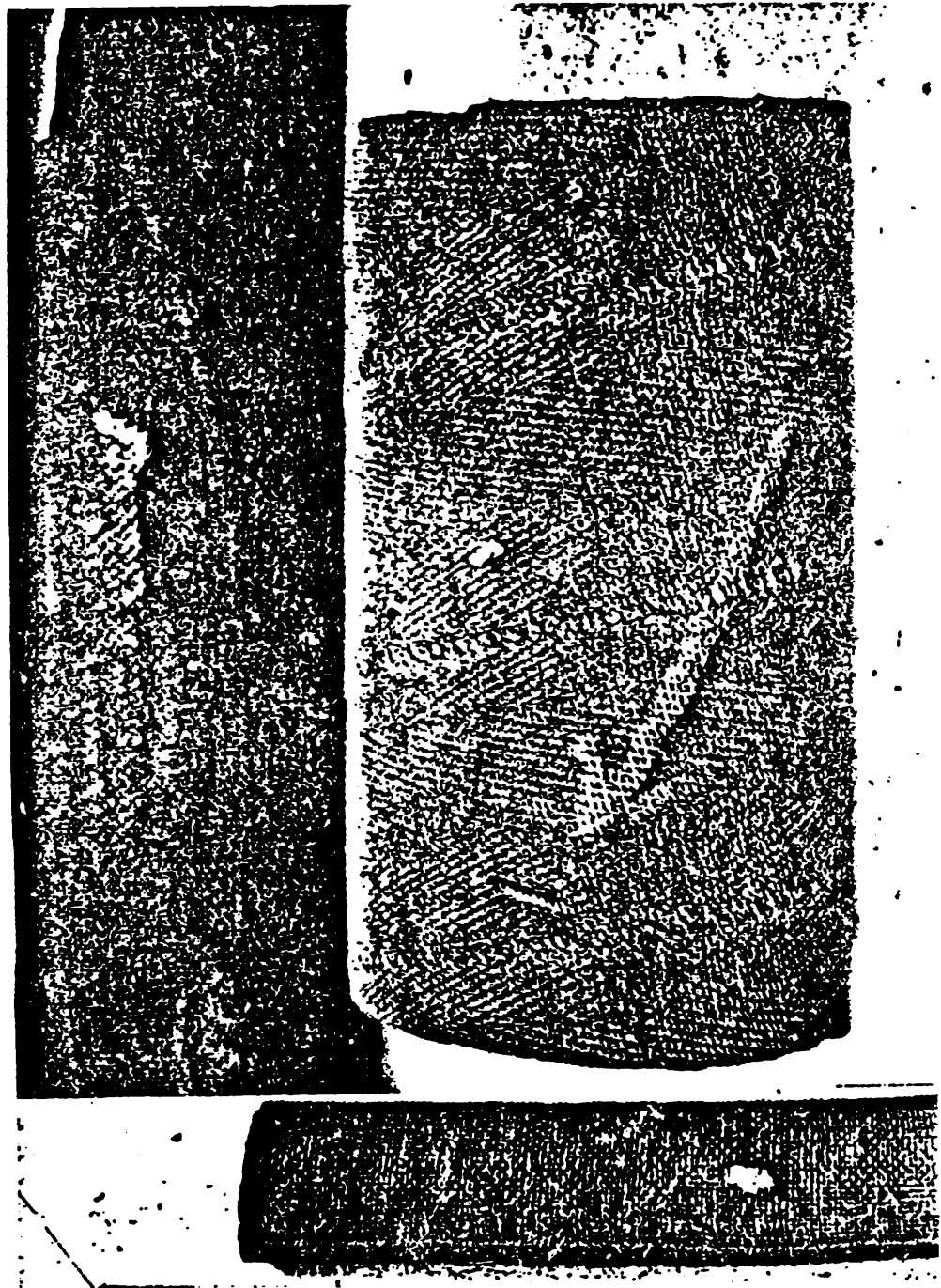


FIGURE 167. Yarn through cover—major.

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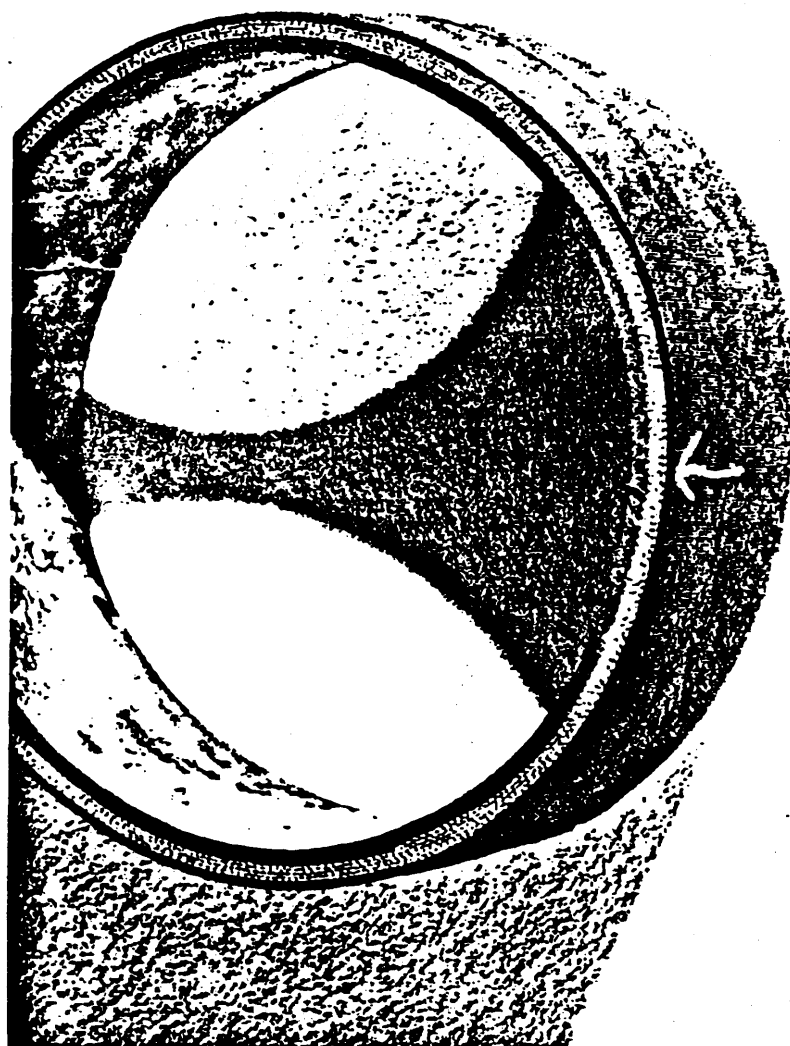


FIGURE 174. Hole—major.

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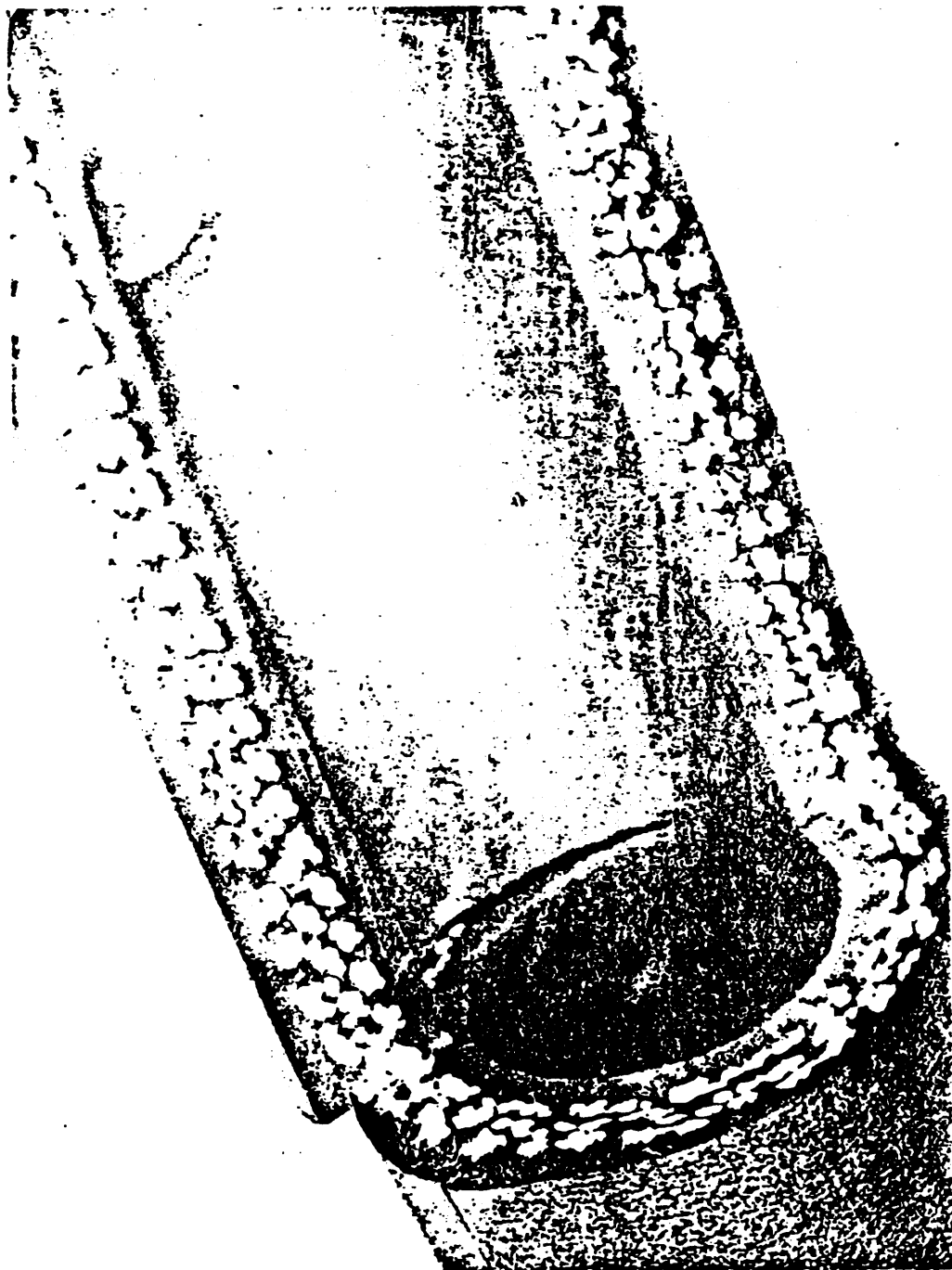
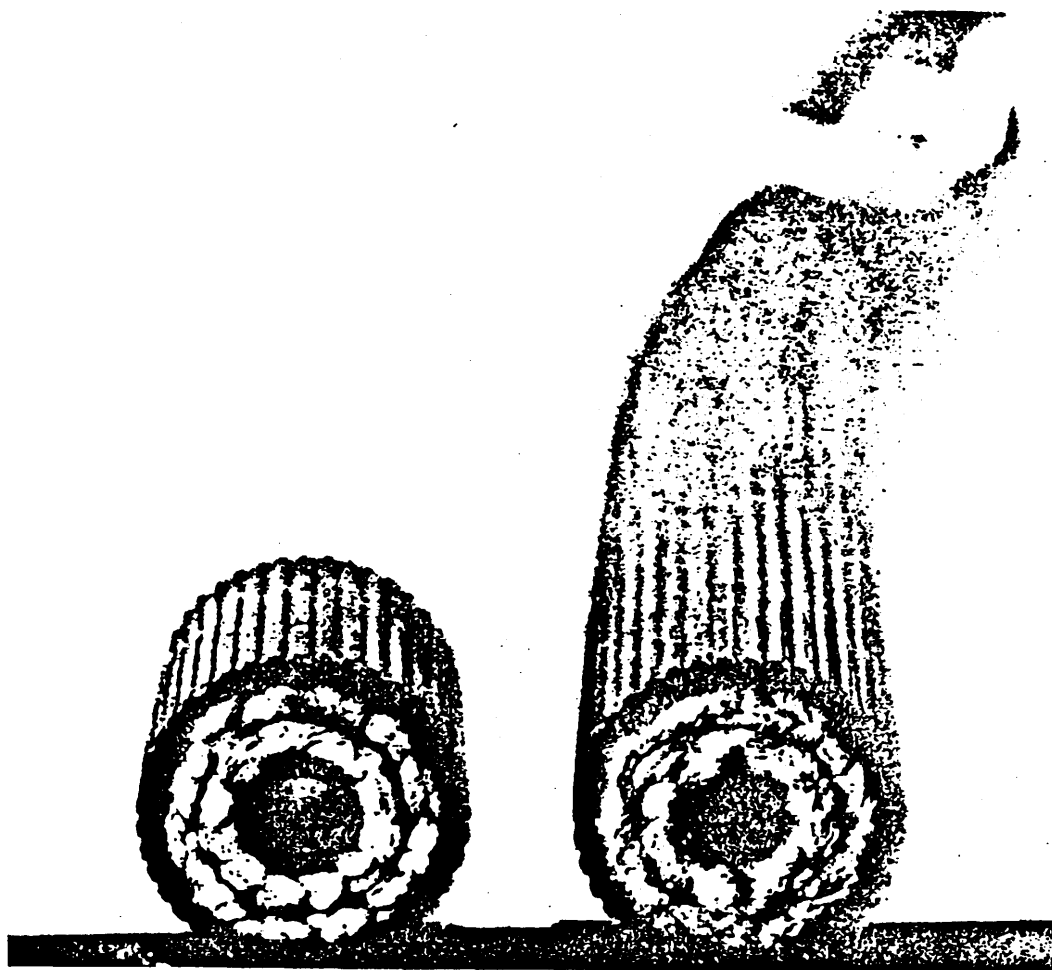


FIGURE 175. Hole—major.  
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I

II

FIGURE 186. Tube missing:

I—Normal hose.

II—Major.

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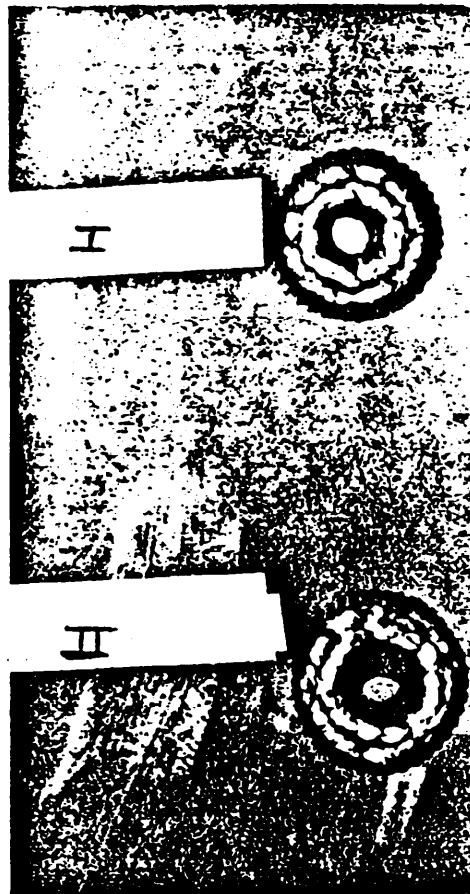


FIGURE 187. Off-center tube:  
I—Thickness meets tolerance—not a defect.  
II—Thickness below tolerance—major.

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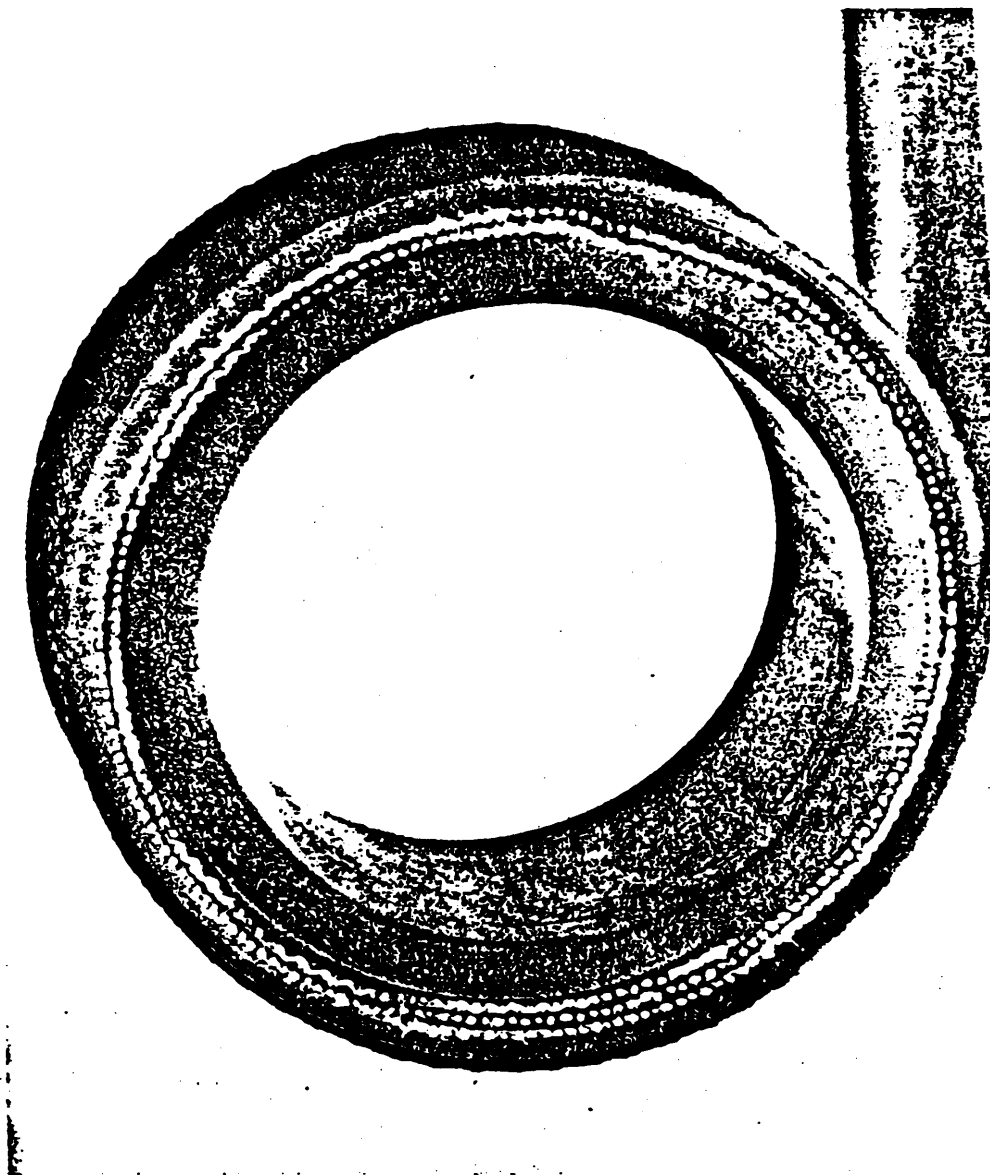


FIGURE 192. Porosity, more than 15 percent of tube thickness—major.

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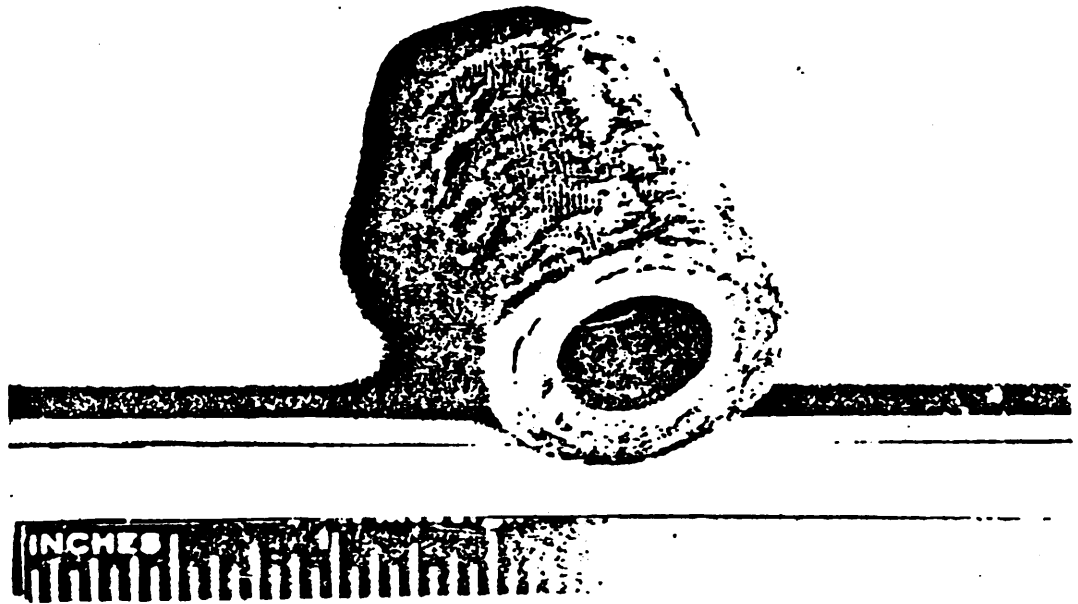


FIGURE 193. Ring: class A—major; classes B and C—not a defect.

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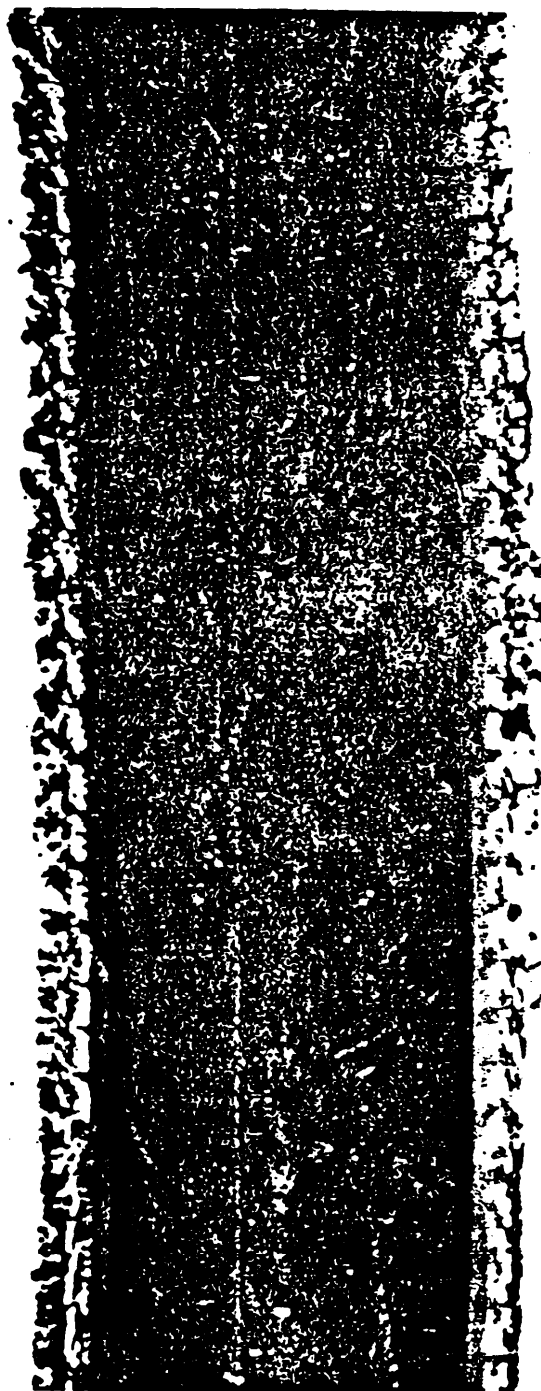


FIGURE 200. Surface irregularity: when assembled with swaged fitting—major; all others—minor.

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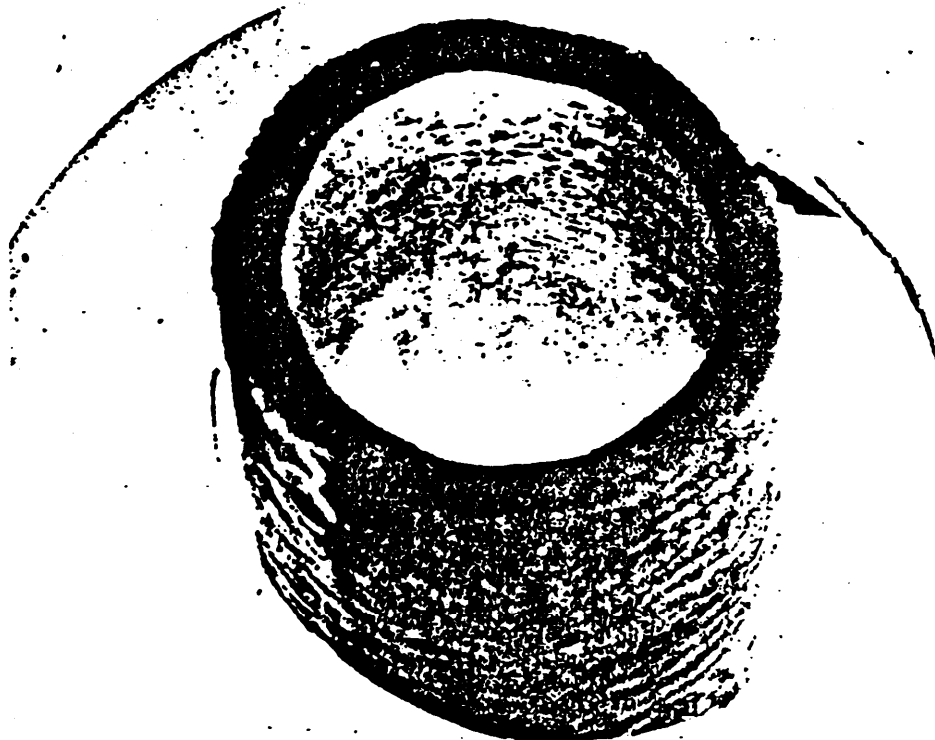


FIGURE 201, Surface irregularity: when assembled with swaged fittings—major; all others—minor.

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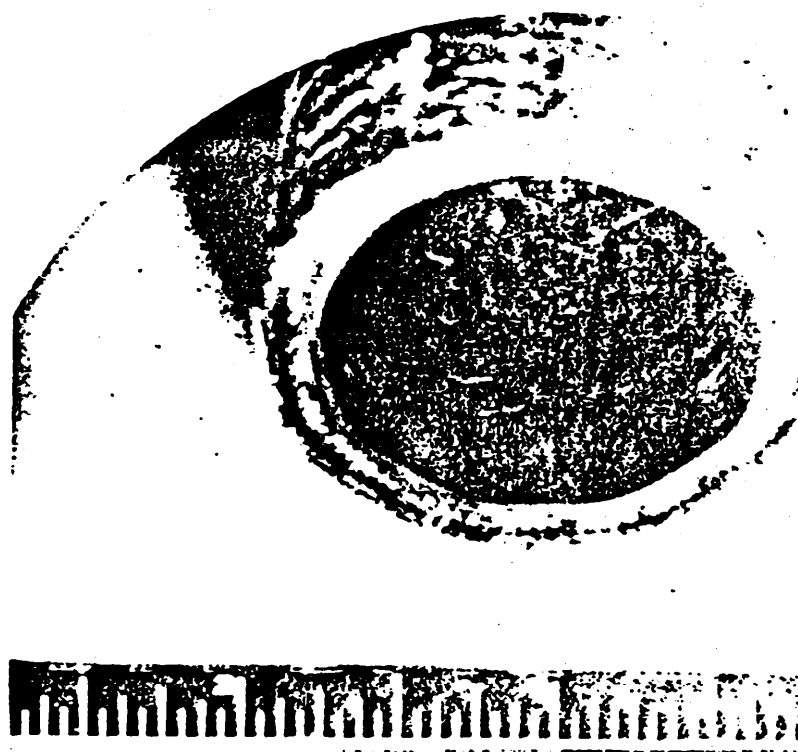


FIGURE 202. Surface irregularity: when assembled with swaged fittings—major; all others—minor.

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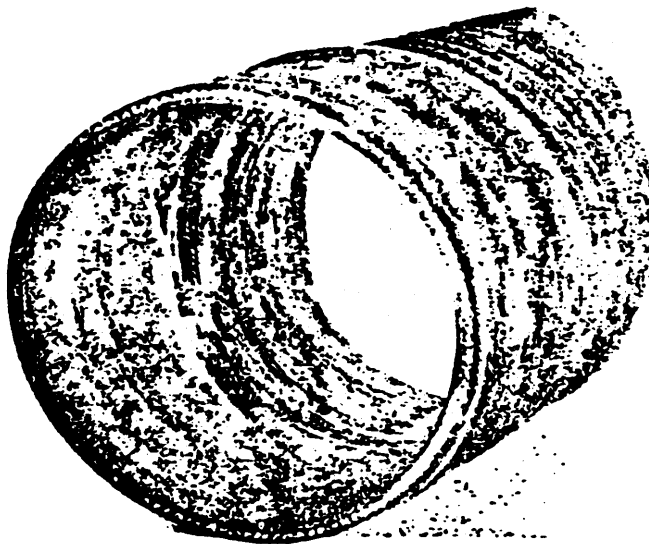


FIGURE 203. Wire through tube—major.

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