PART 1511—REQUIREMENTS FOR PACIFIERS

§ 1511.1 Scope of part 1511.

This part 1511 sets forth the requirements whereby pacifiers (as defined in §1511.2(a)) are not banned articles under §1500.18(a)(8) of this chapter.

§ 1511.2 Definitions.

(a) A pacifier is an article consisting of a nipple that is intended for a young child to suck upon, but is not designed to facilitate a baby's obtaining fluid, and usually includes a guard or shield and a handle or ring.

(b) Guard or shield means the structure located at the base of the nipple used to prevent the pacifier from being completely drawn into the child's mouth.

(c) Handle or ring means the structure usually located adjacent to the guard or shield used for holding or grasping the pacifier. A hinged handle or ring is one that is free to pivot about an axis parallel to the plane of the guard or shield.

§ 1511.3 Guard or shield requirements.

(a) Performance requirements. Place the pacifier in the opening of the fixture illustrated in figure 1(a) of this part so that the nipple of the pacifier is centered in the opening and protrudes through the back of the fixture as shown in figure 1(b). For pacifiers with...
non-circular guards or shields, align
the major axis of the guard or shield
with the major axis of the opening in
the fixture. Apply a tensile force to the
pacifier nipple in the direction shown.
The force shall be applied gradually at-
taining but not exceeding 2.0 pounds
(8.9 newtons) within a period of 5 sec-
onds and maintained at 2.0 pounds for
an additional 10 seconds. Any pacifier
which can be completely drawn
through an opening with dimensions no
greater than those of Figure 1(a) by
such a force shall fail the test in this
part.

(b) Ventilation holes. The pacifier
guard or shield shall contain at least
two holes symmetrically located and
each being at least 0.20 inches (5 milli-
metres) in minor dimension. The edge
of any hole shall be no closer than 0.20
inches (5 millimeters) to the perimeter
of the pacifier guard or shield.

§ 1511.4 Protrusions.

(a) Protrusions limitation. No protru-
sion from the face of the guard or
shield opposite from the nipple shall
exceed 0.63 inches (16mm) when mea-
ured in accordance with the procedure
specified in paragraph (b) of this sec-
tion.

(b) Protrusion test. Secure the pacifier
by clamping the nipple with its axis
horizontal. For pacifiers with hinged
handles or rings the orientation of the
hinge axis shall be horizontal. A plane
surface shall be applied to any protru-
sion from the guard or shield with a
force gradually attaining but not ex-
ceeding 2.0 pounds (8.9 newtons) applied
in a direction along the axis of the nip-
ple. The normal of the plane surface
shall be maintained parallel to the axis
of the nipple. Any protrusion shall be
allowed to flex or rotate about its
hinge as the plane surface is applied to
it. Measure the distance from the plane
surface to the guard or shield at the
base of the nipple.

§ 1511.5 Structural integrity tests.

(a) Nipple. Hold the pacifier by the
shield or guard, grasp the nipple end
of the pacifier and gradually apply a ten-
sile force to the pacifier nipple in any
possible direction. The force shall be
applied gradually, attaining but not ex-
ceeding 10.0 pounds (44.5 newtons) with-
in a period of 5 seconds and maintained
at 10.0 pounds for an additional 10 sec-
onds.

(b) Handle or ring. Hold the pacifier
by the shield or guard or base of the
nipple, and push or pull on the handle
or ring in any possible direction. The
force shall be applied gradually attaining
but not exceeding 10.0 pounds (44.5
newtons) within a period of 5 seconds
and maintained at 10.0 pounds for an
additional 10 seconds.

(c) Heat cycle deterioration. After the
testing prescribed in paragraphs (a)
and (b) of this section, all pacifiers
shall be subject to the following: sub-
merge the pacifier in boiling water for
5 minutes and then remove the pacifier
and allow it to cool for 5 minutes in
room temperature air, 60° to 80 °F. (16°
to 27 °C). After the cooling period, re-
submerge the pacifier in the boiling
water for 5 minutes. The process shall
be repeated for a total of 6 boiling/cool-
ing cycles. After the sixth cycle, the
pacifier shall again be subjected to the
structural tests in paragraphs (a) and
(b) of this section and section 1511.3.

(d) Small parts. Any components or
fragments which are released as a re-
sult of the tests specified in paragraphs
(a), (b) and (c) of this section shall be
placed in the truncated cylinder shown
in Figure 2, such that the component
or fragment is in the lowest position in
the cylinder. If the uppermost edge of
the component or fragment is below
the plane of the top of the cylinder, the
pacifier shall fail the test in this sec-
tion.

§ 1511.6 Ribbons, strings, cords, or
other attachments.

A pacifier shall not be sold or distrib-
uted with any ribbon, string, cord,
chain, twine, leather, yarn or similar
attachments.

§ 1511.7 Labeling.

(a) As required by paragraphs (b) and
(c) of this section, pacifiers shall be la-
beled with the statement: “Warning—
Do Not Tie Pacifier Around Child’s
Neck as it Presents a Strangulation
Danger.”

(b) The labeling statement required
by paragraph (a) of this section shall
appear legibly and conspicuously on
any retail display carton containing two or more pacifiers.

(c) Each individually packaged pacifier shall bear the labeling statement required in paragraph (a) of this section on the package legibly and conspicuously.

§ 1511.8 Metric references.

For purposes of compliance with the test procedure prescribed by this §500.46, the English figures shall be used. The metric approximations are provided in parentheses for convenience and information only.
FIGURE 1 TO PART 1511—PACIFIER TEST FIXTURE

(a) Center Cutout

(b) Material: 1/4" Polytetrafluoroethylene

Section A-A

2 LBS OR FORCE 8.9 N

FIG 1—PACIFIER TEST FIXTURE
PART 1512—REQUIREMENTS FOR BICYCLES

Subpart A—Regulations

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