

Table 2. Cashew Pieces – Size Specification

Pieces must be sized using ISO Standard Woven-Wire Mesh Sieves

Wire mesh sieves have square openings. Round-hole are not equivalent to the ISO Standard wire-mesh sieves and shall not be used to size pieces.

SIZE GRADE	Pieces passing through a wire mesh sieve ¹	95% Pieces must be retained on wire mesh sieve
	Tyler or Equivalent Sieve Number ISO Standard Opening	Tyler or Equivalent Sieve Number (ISO Standard Opening)
Large Pieces ²	Tyler No. 2 ½ mesh sieve (ASTM, USA No. 5/16) Opening 8.00 mm	Tyler Equivalent ¼ mesh (ASTM, USA No. 1/4) Opening 6.30 mm
Small Pieces	Tyler Equivalent ¼ mesh (ASTM, USA No. 1/4) Opening 6.30 mm	Tyler No. 7 mesh sieve (ASTM, USA No. 7) Opening 2.80 mm
Chips	Tyler No. 7 mesh sieve (ASTM, USA No. 7) Opening 2.80 mm	Tyler No. 8 mesh sieve (ASTM, USA No. 8) Opening 2.36 mm
Baby Bits	Tyler No. 8 mesh sieve (ASTM, USA No. 8) Opening 2.36 mm	Tyler No. 10 mesh sieve (ASTM, USA No. 12) Opening 1.70 mm
Fine Grains	Tyler No. 10 mesh sieve (ASTM, USA No. 12) Opening 1.70 mm	Tyler No. 14 mesh sieve (ASTM, USA No. 16) Opening 1.18 mm
Fines	Tyler No. 14 mesh sieve (ASTM, USA No. 16) Opening 1.18 mm	Not Applicable
Mixed Pieces	Tyler Equivalent ¼ mesh (ASTM, USA No. 1/4) Opening 6.30 mm	Tyler Equivalent No. 4 mesh (ASTM, USA No. 4) Opening 4.75 mm

TOLERANCE: Not more than 5% by weight of the pieces may pass through the sieve on which they must be retained. Further, not more than 1.0% of the 5.0% may pass through the next the lower size grade sieve.

¹ There are two sets of sieves specified for each size grade. The first sieve with the larger aperture is stacked above the sieve with smaller aperture followed by a receiving pan. The purpose of the upper and lower sieves is to ensure that wholes, butts, splits and larger grade pieces will be retained on the top sieves. This ensures uniform grades that are best-fit for the desired manufacturing purpose.

² For large pieces, not more than 50% by weight can retained on the 8.00 mm sieve, unless an exception has been approved by the buyer.