

42 C.F.R. § 84.171

Required components and attributes.

The components of each air-purifying particulate respirator must meet the minimum construction requirements set forth in subpart G of this part. Each air-purifying particulate respirator described in § 84.170 must, where its design requires, contain the following component parts:

- (a) *Respiratory inlet covering.* (1) Tight fitting respiratory inlet coverings must be designed and constructed to fit persons with various facial shapes and sizes either:
- (i) By providing more than one size; or
 - (ii) By providing one size which will fit varying facial shapes and sizes.
- (2) Full facepieces must provide for optional use of corrective spectacles or lenses, which must not reduce the respiratory protective qualities of the respirator.
- (3) Loose fitting respiratory inlet coverings must be designed and constructed to fit persons with various head sizes, provide for the optional use of corrective spectacles or lenses, and insure against any restriction of movement by the wearer.
- (4) Mouthpieces must be equipped with noseclips which are securely attached to the mouthpiece or respirator and provide an airtight seal.
- (5) Respiratory inlet coverings that incorporate a lens or faceshield must be designed to prevent eyepiece fogging.
- (6) Half-mask facepieces must not interfere with the fit of common industrial safety spectacles, including corrective safety spectacles.
- (7) Respiratory inlet coverings must be designed and constructed to provide adequate vision which is not distorted by the eyepieces.

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