



## **ANSI Standard for First Aid Kits**

The American National Standards Institute (ANSI) and International Safety Equipment Association (ISEA) approved an update to the ANSI/ISEA Z308.1-1998 standard in June 2015, and it goes into effect in June 2016. This standard establishes minimum performance requirements for first aid kits. OSHA 29 CFR 1910.151 Appendix A refers to ANSI Z308.1-1998 as a recommended example for minimal contents in generic first aid kits.

The updated ANSI Z308.1-2015 standard introduces two classes of first aid kits, Class A and Class B. The Class A kits include contents designed for the most common types of workplace injuries, while Class B kits include a broader range and quantity of supplies to deal with injuries in more complex or high-risk environments. The new standard also classifies the kit container into four different types (I-IV). The assortment and quantity of supplies included in the kits were chosen based upon reviews of workplace incidents requiring first aid treatment, similar international standards, and current injury treatment practices. The quantity and size specifications given are the minimum necessary to comply with the 2015 standard.

Below is a table listing the minimum required components for both Class A and Class B kits:

First Aid Supply	Minimum Quantity		Minimum Size or Volume	
	Class A Kits	Class B Kits	(US)	(metric)
Adhesive Bandage	16	50	1 x 3 in.	2.5 x 7.5 cm
Adhesive Tape	1	2	2.5 yd (total)	2.3 m
Antibiotic Application	10	25	1/57 fl oz	0.5 g
Antiseptic	10	50	1/57 fl oz	0.5 g
Breathing Barrier	1	1		
Burn Dressing (gel soaked)	1	2	4 x 4 in.	10 x 10 cm
Burn Treatment	10	25	1/32 oz	0.9 g
Cold Pack	1	2	4 x 5 in.	10 x 12.5 cm
Eye Covering, with means of attachment	2	2	2.9 sq. in.	19 sq. cm
Eye/Skin Wash				
	1 fl oz total			29.6 ml
		4 fl. oz total		118.3 ml
First Aid Guide	1	1	N/A	N/A
Hand Sanitizer	6	10	1/32 oz	0.9 g
Medical Exam Gloves	2 pair	4 pair	N/A	N/A
Roller Bandage				
2 inch	1	2	2 in. x 4 yd	5 cm x 3.66 m
4 inch	0	1	4 in. x 4 yd	10 cm x 3.66 m
Scissors	1	1	N/A	N/A
Splint	0	1	4.5 x 24 in.	11.4 x 61 cm
Sterile pad	2	4	3 x 3 in.	7.5 x 7.5 cm
Tourniquet	0	1	1 in. (width)	2.5 cm (width)
Trauma pad	2	4	5 x 9 in.	12.7 x
Triangular Bandage	1	2	40 x 40 x 56 in.	101x 101 x 142 cm

The standard also distinguishes 4 types of kit containers, Type (I-IV):

Type	Use	Portable	Mountable	Water Resistant	Waterproof	Performance
I	Indoor		X			
II	Indoor	X				
III	Indoor/Outdoor	X	X	X		
IV	Indoor/Outdoor	X	X	X	X	Special

*Type IV kits have special performance requirements for corrosion, moisture and impact resistance.*

Sources:

[http://www.ansi.org/news\\_publications/news\\_story.aspx?menuid=7&articleid=b4472a01-f4ac-4466-afd5-77559633a5f8](http://www.ansi.org/news_publications/news_story.aspx?menuid=7&articleid=b4472a01-f4ac-4466-afd5-77559633a5f8)

[https://www.osha.gov/pls/oshaweb/owadisp.show\\_document?p\\_table=STANDARDS&p\\_id=9807](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=9807)

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