

# Kontrol Kube vs. Poly - Savings Calculator

Calculate your annual saving. Kontrol Kubes are proven designs for mobile containment which can reduce your facilities annual containment costs. Use the simple worksheet below to calculate your facilities savings.

## 1. Calculate man hours required to setup, remove and clean containment area using poly sheeting

- |                                      |                 |
|--------------------------------------|-----------------|
| 1a. Number of employees needed       | 1a. _____       |
| 1b. Time to setup containment        | 1b. _____ hours |
| 1c. Time to remove containment       | 1c. _____ hours |
| 1d. Time to cleaning containment     | 1d. _____ hours |
| 1e. $1b + 1c + 1d =$ Total time      | 1e. _____ hours |
| 1f. $1a \times 1e =$ Total man hours | 1f. _____ hours |
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## 2. Calculate man hour cost per containment setup

- |                                    |               |
|------------------------------------|---------------|
| 2a. Average employee hourly salary | 2a. _\$ _____ |
| 2b. $1f \times 2a =$ Man hour cost | 2b. _\$ _____ |
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## 3. Calculate cost of materials

- |   |               |
|---|---------------|
| 3a. Cost of poly                        | 3a. _\$ _____ |
| 3b. Cost of tape and misc. supplies     | 3b. _\$ _____ |
| 3c. $3a + 3b =$ Total cost of materials | 3c. _\$ _____ |
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## 4. Calculate cost of containment per setup

- |                                |               |
|--------------------------------|---------------|
| 4a. $2b + 3c =$ Cost per setup | 4a. _\$ _____ |
|--------------------------------|---------------|
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## 5. Calculate annual costs of poly containment

- |  |           |
|--|-----------|
| 5a. Number of times containment used in the last week      | 5a. _____ |
| 5b. $5a \times 52 =$ Number of containment setups annually | 5b. _____ |
| 5c. $4a \times 5b =$ Annual cost for poly containment      | 5c. _____ |
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## 6. Calculate annual cost of using Kontrol Kubes Containment

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|---|----------------|
| 6a. Time required to setup, remove and clean                  | 6a. __25 hours |
| 6b. Material cost per use                                     | 6b. _\$0 _____ |
| 6c. $6a \times 2a \times 5b =$ Annual cost with Kontrol Kubes | 6c. _____      |
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## 7. Annual saving by using Kontrol Kube Mobile Containment

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|--------------------------------|-----------|
| 7a. $5c - 6c =$ Annual Savings | 7a. _____ |
|--------------------------------|-----------|

# Kontrol Kube vs. Poly - Savings Example

Lower containment costs. Poly sheeting may seem like an effective and inexpensive solution to containment but the example below shows that Kontrol Kube containment systems can significantly reduce a facilities costs.

## 1. Calculate man hours required to setup, remove and clean containment area using poly sheeting

1a. Number of employees needed	1a. <u>2</u>
1b. Time to setup containment	1b. <u>.5</u> hours
1c. Time to remove containment	1c. <u>.25</u> hours
1d. Time to cleaning containment	1d. <u>.25</u> hours
1e. $1b + 1c + 1d =$ Total time	1e. <u>1</u> hours
1f. $1a \times 1e =$ Total man hours	1f. <u>2</u> hours

When using poly sheeting containment it takes, on average, 2 employees 1 hour to setup remove and clean a single site.

## 2. Calculate man hour cost per containment setup

2a. Average employee hourly salary	2a. <u>\$35</u>
2b. $1f \times 2a =$ Man hour cost	2b. <u>\$70</u>

Employee costs include salary and benefits

## 3. Calculate cost of materials

3a. Cost of poly	3a. <u>\$8</u>
3b. Cost of tape and misc. supplies	3b. <u>\$2</u>
3c. $3a + 3b =$ Total cost of materials	3c. <u>\$10</u>

If a facility is using poly sheeting to build containment the material must be fire rated to comply with the NFPA Life Safety Code.

## 4. Calculate cost of containment per setup

4a. $2b + 3c =$ Cost per setup	4a. <u>\$80</u>
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## 5. Calculate annual costs of poly containment

5a. Number of times containment used in the last week	5a. <u>3</u>
5b. $5a \times 52 =$ Number of containment setups annually	5b. <u>156</u>
5c. $4a \times 5b =$ Annual cost for poly containment	5c. <u>\$12,480</u>

Annual costs can quickly be double or triple those found in this example.

This facility is only setting up containment two times per week. Containment is often use multiple times per day in order to meet infection control recommendations.

## 6. Calculate annual cost of using Kontrol Kubes Containment

6a. Time required to setup, remove and clean	6a. <u>.25</u> hours
6b. Material cost per use	6b. <u>\$0</u>
6c. $6a \times 2a \times 5b =$ Annual cost with Kontrol Kubes	6c. <u>\$1,365</u>

The design of the Kontrol Kube containment system results in minimum set and removal time.

A Kontrol Kube can be moved into position, with all tool and equipment inside the unit, and set up by a single person in less than 5 minutes.

## 7. Annual saving by using Kontrol Kube Mobile Containment

7a. $5c - 6c =$ Annual Savings	7a. <u>\$11,115</u>
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Cost savings is only one benefit of using a Kontrol Kube system. These HEPA filter containment units ensure that containment is used properly every time reducing the risks on airborne infection.