

# GuardRite® Flex Safety Barrier

An innovative protection system for cost-effective separation of areas in your facility.



## Separation means protection in your plant

Your plant can be a dangerous place. When it comes to protection, a yellow line painted on the floor just doesn't cut it.

GuardRite® Flex is a modular, high-visibility fixed barrier system that is easy to install, and can be configured in a variety of ways. It's ideal wherever separation for pedestrian traffic is necessary.

## Modular design

- » GuardRite Flex is easy to install and can adapt to many custom configurations
- » Removable rails allow for flexibility in your warehouse

## Solid performance

- » Designed to stop up to 5,000 lbs. (2273 kg). Consult the GuardRite Flex BLAST Impact Rating Chart for complete weight and speed ratings
- » Steel columns provide solid support
- » 7" (180 mm) high x 3" (75 mm) wide yellow PVC rails that provide excellent visibility
- » Absorbs incidental impacts and returns to original shape
- » Lower cost than traditional steel guard railing

# Specifications/Survey

Date \_\_\_\_\_  
 Company Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_  
 State \_\_\_\_\_ Zip Code \_\_\_\_\_  
 Representative \_\_\_\_\_  
 Salesperson \_\_\_\_\_  
 Quantity: \_\_\_\_\_ Signature: \_\_\_\_\_

## GuardRite® Flex:

- » Shipped with all hardware and anchors included

## Rail:

- » 7" (180 mm) high, 3" (75 mm) deep, 9'6" (2900 mm) long
- » Three self-tapping screws per support for mounting at any position on the post
- » Optional 43" (1090 mm) full-height rail support brackets with six self-tapping screws

## Steel Post Columns:

- » 44" (1120 mm) high, 5" (125 mm) diameter
- » Two angles and four screws per rail
- » 11-gauge
- » Black powder coat paint
- » 8" (205 mm) x 8" (205 mm) x 1/4" (6.35 mm) steel base plate
- » Two 1/2" (13 mm) x 6" (152 mm) concrete anchors per post

## GuardRite Flex Deflection\*

KE (Joules)	Inches	mm
200	3.5	89
400	7.0	179
500	9.0	229

\*Deflection measured from rail



## Unit Length:

Unit Length Feet: \_\_\_\_\_

Unit Length Inches: \_\_\_\_\_

Quantity of Posts: \_\_\_\_\_

Quantity of Rails: \_\_\_\_\_

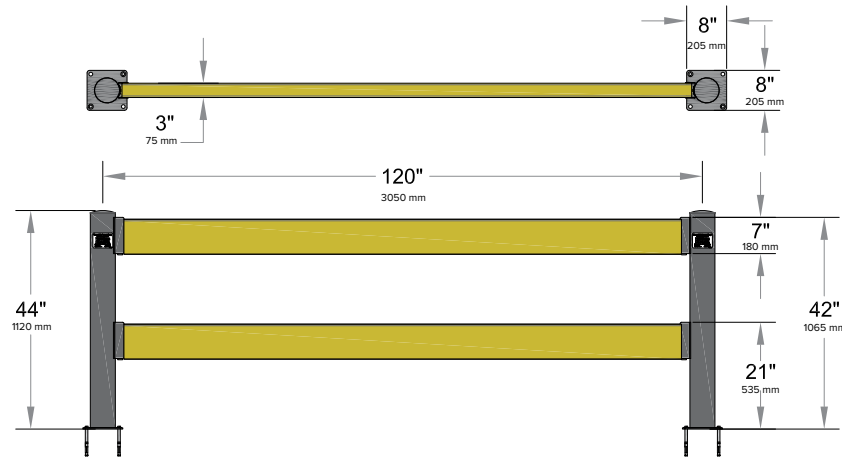
Quantity of Brackets Sets: \_\_\_\_\_

## Measurement Method:

- Center of Post to Center of Post
- Inside of Post to Inside of Post
- Outside of Post to Outside of Post
- Inside of Base Plate to Inside of Base Plate
- Outside of Base Plate to Outside of Base Plate

## Subtract Extra Posts (QTY):

0  1  2



## BLAST Impact Rating Chart - GuardRite® Flex

MPH	Ft/sec	M/sec	Weight (lbs)											
			1000	1300	1800	2000	2500	3000	3500	4000	4500	5000	5500	
			Mass (kg)											
			454	590	816	907	1134	1361	1588	1814	2041	2268	2495	
			KE (Joules)											
1.0	1.5	0.44	44	57	79	88	110	132	154	176	198	220	241	
1.5	2.2	0.67	102	132	183	204	255	305	356	407	458	509	560	
2.0	2.9	0.89	180	234	323	359	449	539	629	719	808	898	988	
2.5	3.7	1.11	279	363	503	559	699	838	978	1118	1257	1397	1537	
3.0	4.4	1.34	407	529	733	814	1018	1222	1425	1629	1833	2036	2240	
3.5	5.1	1.56	552	718	993	1104	1380	1656	1932	2208	2484	2760	3036	
4.0	5.9	1.78	719	934	1293	1437	1796	2156	2515	2874	3234	3593	3952	
4.5	6.6	2.01	916	1191	1649	1833	2291	2749	3207	3665	4123	4581	5040	
5.0	7.3	2.23	1128	1466	2030	2256	2820	3384	3947	4511	5074	5638	6203	
5.5	8.1	2.45	1361	1770	2450	2723	3403	4084	4765	5446	6127	6807	7487	
6.0	8.8	2.68	1629	2118	2932	3258	4072	4887	5701	6516	7330	8145	8959	

- Will absorb multiple impacts at this level with minimal damage. (503 Joules maximum)
- Will not absorb an impact of this level.

\* The Barrier Load And Speed Test (BLAST) chart expresses an impact rating in terms of kinetic energy. Consult [The Science of Safety](#) white paper for a complete explanation of the information contained within this chart.



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