

**Magnetic Armour®**  
Prefabrication protection



**"Our business is Flange Protection"™**

**Flange Armour®** protection system products have been designed to be the full complement of high-performance flange protection for sandblasting, painting, product delivery and site preservation.

**Flange Armour®** protection products will improve the protection of your piping spools, vessel nozzles and will improve your project schedules, budgets, rework costs, departments process workflows, while giving you confidence that your process component connections are always protected by the best in the industry.

Taking care of our client's assets is our main concern and investing in the Flange Armour® protection system products you will achieve improved predictability, reliability and "piece of mind."

**Flange Armour®** products are reusable, recyclable, easy to use.



**Flange Armour®** specializes in providing high-quality performance flange protection system products for sandblasting, painting, asset delivery, and site preservation. Our innovative, cost-effective protection system products are improving current industry practices with efficient, cost saving flange protection.

(ANSI, ASME and API standards)

Innovation in Technology  
"Process Control"



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**Blast Armour®**  
Sandblasting & Painting protection



**Flange Armour®**  
Delivery, Site Preservation protection



**Testimonials**

"Through the use of Flange Armour products in our coating operations, we have experienced a significant decrease in overall preparation and set-up time. The Flange Armour products provide great protection from grit media, and clean lines during the paint process. At Cahill we use a variety of different sizes, and have always been satisfied with the outcome."

**Matthew Stanley (Cahill Fabrication)**



*Blast Armour® protects during sandblasting and painting stages.*



*Flange Armour® covers protect for delivery and site preservation.*



*Magnetic Armour® protects during prefabrication stages.*

### Application process

**Blast Armour®** - (Labor /cost saving breakdown)

**Example:** 8" flange raised face protection preparation (**Blast Armour® vs Duct Tape**)

**Blast Armour®** = 15 seconds or less to apply

**Application:** (Remove adhesive backing and apply to raised face surface. (ANSI, ASME, API specifications)

**Duct Tape** = 2 Minutes to apply

**Application:** (3 layers, vertical & horizontal directions, recommended industry practice) (Strip pieces, use of box cutter (safety risk), apply overlapping pattern, trim excess with box cutter, (risk of flange cut marks leading to defects and increased risk to worker safety)

**Blast Armour® is 8 times faster / 87.5% labor time savings**

(Sandblasting preparation time). In addition, no time lost for additional painting retaping time if using Duck tape.

**Blast Armour®** stays on through painting, then ready for Flange Armour® covers to be placed on and ready for delivery in seconds. No additional preparation time needed.

### Removal process

**Blast Armour®** = 15 seconds or less to remove

No residue left behind, removal and replacement for inspection.

**Duct Tape**

7 Minutes to remove Duct tape and clean up (3 layers, vertical & horizontal directions)

### Savings using Blast Armour

**Blast Armour® is 28 times faster / 96% labor time savings**

(no time lost for tape clean up as Duct Tape causes unnecessary delays to commission flange bolt up)

**Blast Armour®** protection system product is reducing sandblasting and painting labor time and costs by up to 180% compared to current industry practices and is improving delivery preparation time, product quality, and delivery of client assets to site.

**"Our business is Flange Protection"™**

### Flange Armour Protection System

Using our **Magnetic, Blast and Flange Armour** products together you will have the full protection system products you need from start to finish of fabrication to improve your cost, delivery and site preservation.

Today's competitive and fast-paced, results-driven environment relies on fabricators to deliver client products on-time and with the highest of quality. Component integrity is an integral part of product delivery, and damage to flanged raised faces can result in expensive repairs and schedule delays resulting in unexpected increased project costs.

### Testimonials

"Blast Armour has been a game changer in our shop operations. Anytime you can do something more safely and at a lower cost it's a huge win."  
**Corrocoat Services Inc.**

