

## Solutions for Metal Manufacturing

**Improving Your Cost Effectiveness, Sustainability and Protection**



## We know your business. We're ready to help.

Today, you can't afford to partner with anyone who doesn't have a firm grasp of your business challenges and how to address them. That's why KIMBERLY-CLARK PROFESSIONAL\* is your best choice.

### Why Work With Us?

The Kimberly-Clark Corporation is a \$19.4 billion company that has been serving metal manufacturing companies for over 100 years.

Our company is recognized for outstanding product quality and consistency, as well as unsurpassed manufacturing expertise. The recent acquisition of JACKSON SAFETY\* further deepens our understanding of your industry and its specialized needs.

You'll find our wiper and washroom solutions can help you improve costs, sustainability and protection across all your major applications:

Metal  
Fabrication

Surface  
Preparation

Finishing

Assembly

Maintenance  
& Planned  
Downtime

Let us prove it with a  
Site Survey.



Our representative will visit your facility to help you discover how to conquer your cost, sustainability and protection challenges. Read on to get an idea of specific ways we can help.



## Productivity & Cost Solutions



Our Site Survey can help you uncover savings and accelerate productivity using our proprietary Cost Savings Tuneup Program. We stand behind all our well-known brands with a performance and cost-in-use guarantee.

**The Wiper Solution:** Drive down costs and increase productivity by taking our WYPALL\* Wipers X 60/20 Challenge! Replace your rags or rental shop towels with WYPALL\* Wipers for 60 days. We'll guarantee you a minimum savings of 20%. We'll also help you choose the right wiper for each metal task, saving you money and helping maximize productivity.



**The Washroom Solution:** Take the 60/20 Washroom Challenge! Switch from your current folded towels to any of our hard roll towels, or liquid soap to foam soap for 60 days. We'll guarantee you a minimum savings of 20%. Our high-capacity, low-maintenance washroom solutions improve productivity by reducing waste and maintenance time.

## Protection Solutions



Protect both the health of workers and the quality of your metal products with WYPALL\* and KIMTECH\* Wipers.

**The Wiper Solution:** We can offer you an efficient and cost-effective way to keep your workers from being exposed to potentially hazardous irritants and metals, while protecting the quality of your metal products and processes. WYPALL\* Wipers are a better choice than rental shop towels or rags at a fraction of the cost. *(See p. 9 for details.)*



Protect the quality of your products during critical tasks like surface prep and finishing with KIMTECH PREP\* KIMTEX\* Wipers designed for lint-free performance. WYPALL\* Wipers and WYPALL\* Waterless Hand Wipes can also play a key role in keeping metal work from being compromised.

**The Washroom Solution:** Hand washing is one of the most effective ways to reduce the spread of flu, colds and other illnesses. KIMBERLY-CLARK PROFESSIONAL\* Brands help you keep workers on the job with hygienic solutions that range from "touchless" systems for towels and tissues to exclusive dispenser systems featuring Microban® antimicrobial protection.

## Sustainability Solutions



At KIMBERLY-CLARK PROFESSIONAL\*, we understand that the way we use resources today will shape the world of tomorrow. That's why we examine our product's entire life cycle, from source to disposal. We create ways to reduce our overall environmental impact by working to reduce the resources used at every stage. We call this approach Reduce Today, Respect Tomorrow\*. Your Site Survey will help you create your own sustainable business using our environmentally responsible products.



**The Wiper Solution:** We can help you find ways to reduce your impact on the environment without sacrificing product performance. With quality WYPALL\* Wipers, you can use less products to do your wiping tasks, reducing waste. Our high-performance WYPALL\* X80 Wipers are often reusable. We can also help with your cleanup and disposal needs.

**The Washroom Solution:** We'll show you how to reduce environmental impact with innovative washroom systems that offer recycled content, more efficient dispensing, and reduced packaging. The Forest Stewardship Council (FSC) label on our products certifies that the wood fiber used comes from well-managed FSC certified forests, controlled sources and/or consumer waste.

More information on KIMBERLY-CLARK PROFESSIONAL\* solutions for metal manufacturing is available at [www.kcprofessional.com/metal](http://www.kcprofessional.com/metal)

## We understand your applications

KIMBERLY-CLARK PROFESSIONAL\* has wiper and washroom solutions that improve cost, protection and sustainability in every metal manufacturing area.

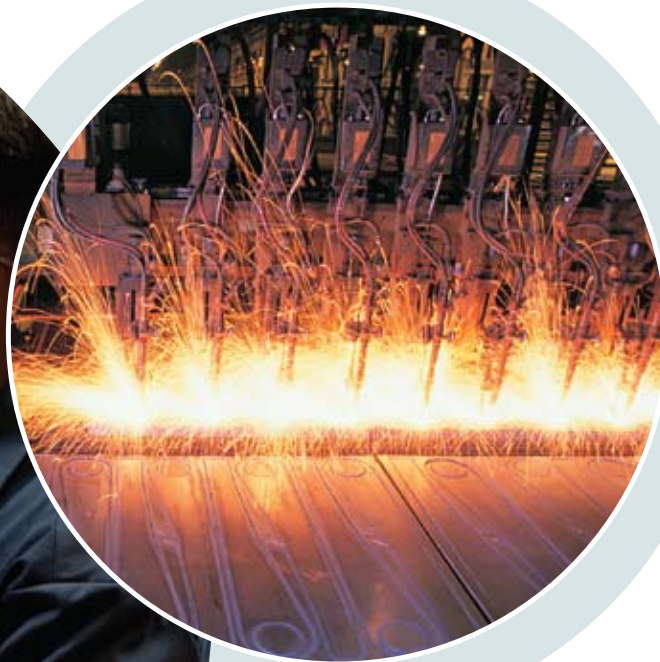
**Metal  
Fabrication**

**Surface  
Preparation**

**Finishing**

**Assembly**






**Maintenance  
& Planned  
Downtime**








**Metal Fabrication**

- Cutting
- Forming
- Joining

The Task	The Challenge	The Solution	The Reward
Heavy duty machine & part wiping Wiping dies and cutting edges Cleaning after the casting process	Cleaning rough surfaces Removing metal dust shavings and silica Tackling the toughest grease, oil, coolant, and dirt build-up	WYPALL* X80 Wipers Code #41055 	Unlike rental shop towels: <ul style="list-style-type: none"> <li>• No heavy metal contaminants; new clean towel every time</li> <li>• Consistent size, shape and cleanliness</li> <li>• Reusable and durable</li> <li>• Absorbs oils, grease and water fast</li> </ul>
General Cleaning	Applying grease or lubricants Equipment clean-ups Keeping hands clean	WYPALL* X60 Wipers Code #34790 	<ul style="list-style-type: none"> <li>• Designed to outperform rags</li> <li>• Strong and versatile performance for light duty tasks</li> <li>• Reinforced for strength when wet or dry</li> <li>• Tough enough for big jobs – soft enough for face and hands</li> </ul>
Light Duty General Cleaning		WYPALL* X50 Wipers Code #83550 	<ul style="list-style-type: none"> <li>• Smaller sheet size means less waste</li> </ul>
Preparing work surface for your job	Protecting workpieces when placing them on a workbench Keeping workbench clean from dirty tools or parts Lining trays, drawers or shelves	KIMTECH SCIENCE* Bench Top Protectors Code #75460 	<ul style="list-style-type: none"> <li>• Quickly absorbs spills</li> <li>• Durable when wet</li> <li>• Slip-resistant backing</li> <li>• Lies flat even after drying</li> <li>• Fluid barrier resists harsh chemicals</li> </ul>
Cleaning hands	Cleaning dirt and grease from hands without a sink and water	WYPALL* Waterless Hand Wipes Code #91371 	<ul style="list-style-type: none"> <li>• No rinse required</li> <li>• Alcohol-free formulation</li> <li>• Soothing ingredients aid in moisturizing skin</li> </ul>






**Available WYPALL\* Wiper Delivery Systems**

- Mobile/Portable**  
POP-UP\* Box, BRAG\* Box, Small Roll, Bucket 
- Stationary**  
Folded 
- High Capacity**  
Jumbo Roll 

Please consult with a KIMBERLY-CLARK PROFESSIONAL\* Manufacturing Expert to be sure you are selecting the right wiping product for your specific application or process.

# Surface Preparation

- Sanding
- Cleaning

The Task	The Challenge	The Solution	The Reward
Heavy-duty machine & part wiping	Removing metal dust and shavings from the deburring process Cleaning rough surfaces	WYPALL* X80 Wipers Code #41055 	Unlike rental shop towels: <ul style="list-style-type: none"> <li>• No heavy metal contaminants; new clean towel every time</li> <li>• Consistent size, shape and cleanliness</li> <li>• Reusable and durable</li> <li>• Absorbs oils, grease and water fast</li> </ul>
Wiping with chemicals	Prepping surfaces with thinners and solvents Spraying volatile chemicals General surface cleaning and degreasing	KIMTECH PREP* Wipers for the WETTASK* Wiping System Code #06411 	<ul style="list-style-type: none"> <li>• Reduce VOC's—eliminate open buckets, sprays, and squirt bottles from work area</li> <li>• Controls chemical usage and related costs</li> <li>• Acid-, base- and solvent-resistant</li> <li>• Low lint, low extractables</li> </ul>
Surface preparation Chemical usage (application) Adhesive application Wiping critical surfaces	Applying thinners & solvents Lubricant application and removal Cleaning excess adhesive Wiping lint-sensitive parts Avoiding defects in finishing	KIMTECH PREP* KIMTEX* Wipers Code #33570 	<ul style="list-style-type: none"> <li>• Low-lint polypropylene construction avoids extra wiping to remove lint</li> <li>• Excellent oil, lubricant absorbency</li> <li>• Acid-, base- and solvent-resistant</li> </ul>



# Finishing





- **Coating**
- **Painting**

The Task	The Challenge	The Solution	The Reward
Heavy-duty paint booth area and machine cleaning	Cleaning the booth during color changes Cleaning rough surfaces Removing debris Absorbing thick liquids	WYPALL* X80 Wipers Code #41055 	Unlike rental shop towels: <ul style="list-style-type: none"> <li>• No heavy metal contaminants; new clean towel every time</li> <li>• Consistent size, shape and cleanliness</li> <li>• Reusable and durable</li> <li>• Absorbs oils, grease and water fast</li> </ul>
General Purpose Wiping	Applying thinners & solvents General cleaning Keeping hands clean	WYPALL* X60 Wipers Code #34790 	<ul style="list-style-type: none"> <li>• Designed to outperform rags</li> <li>• No adhesives or binders; leaves no residue</li> <li>• Reinforced for extra scrubbing and cleaning power</li> <li>• Tough enough for big jobs – soft enough for face and hands</li> </ul>
Wiping critical surfaces	Low-lint wiping Surface and parts cleaning	KIMTECH PREP* KIMTEX* Wipers Code #33570 	<ul style="list-style-type: none"> <li>• Low-lint polypropylene construction avoids extra wiping to remove lint</li> <li>• Excellent oil, lubricant absorbency</li> <li>• Acid-, base- and solvent-resistant</li> </ul>





# Assembly

- **Bolting**
- **Clipping**
- **Riveting**



The Task	The Challenge	The Solution	The Reward
General Cleaning	Applying lubricants, thinners & solvents Equipment clean-ups Keeping hands clean Removing grease and soil in tight areas	WYPALL* X60 Wipers Code #34790 	<ul style="list-style-type: none"> <li>• Designed to outperform rags</li> <li>• Strong and versatile performance for light duty tasks</li> <li>• Reinforced for strength when wet or dry</li> <li>• Tough enough for big jobs – soft enough for face and hands</li> </ul>
Light Duty General Cleaning		WYPALL* X50 Wipers Code #83550 	<ul style="list-style-type: none"> <li>• Smaller sheet size means less waste</li> </ul>
Wiping with chemicals	Surface cleaning and degreasing with chemicals Leaving lint behind	KIMTECH PREP* Wipers for the WETTASK* Wiping System Code #06411 	<ul style="list-style-type: none"> <li>• Reduce VOC's—eliminate open buckets, sprays, and squirt bottles from work area</li> <li>• Controls chemical usage and related costs</li> <li>• Acid-, base- and solvent-resistant</li> <li>• Low lint, low extractables</li> </ul>
Removing dirt and fingerprints for final shipment	Low-lint wiping for use with solvents removal of grease and oil smudges Adhesive cleaning	33570 KIMTECH PREP* KIMTEX* Wipers Code #33570 	<ul style="list-style-type: none"> <li>• Low-lint polypropylene construction avoids extra wiping to remove lint</li> <li>• Excellent oil, lubricant absorbency</li> <li>• Acid-, base- and solvent-resistant</li> </ul>

Please consult with a **KIMBERLY-CLARK PROFESSIONAL\* Manufacturing Expert** to be sure you are selecting the right wiping product for your specific application or process.

The Task	The Challenge	The Solution	The Reward
<p>Heavy-duty machine &amp; part wiping</p> <p>Preventative maintenance operations</p>	<p>Cleaning metal shavings, rough surfaces</p> <p>Tackling tough grease, oil, coolant, and dirt build up</p> <p>Applying oils and grease</p>	<p>WYPALL* X80 Wipers Code #41005</p> 	<p>Unlike rental shop towels:</p> <ul style="list-style-type: none"> <li>• No heavy metal contaminants; new clean towel every time</li> <li>• Consistent size, shape and cleanliness</li> <li>• Reusable and durable</li> <li>• Absorbs oils, grease and water fast</li> </ul>
<p>General surface cleaning and degreasing</p>	<p>Using chemicals to clean a surface</p>	<p>KIMTECH PREP* Wipers for the WETTASK* Wiping System Code #06001</p> 	<ul style="list-style-type: none"> <li>• Add the chemical solution you prefer to create custom pre-saturated wiper</li> <li>• Controls chemical usage and costs</li> <li>• Reduces exposure to chemical vapor and splashes</li> </ul>
<p>Working with oils and greases</p>	<p>Keeping lint out of machinery</p> <p>Containing oil and grease in work area</p>	<p>KIMTECH PREP* KIMTEX* Wipers Code #33570</p> 	<ul style="list-style-type: none"> <li>• Low-lint polypropylene construction avoids extra wiping to remove lint</li> <li>• Excellent oil, lubricant absorbency</li> </ul>
<p>Cleaning dirty hands</p>	<p>Cleaning dirt and grease from hands without a sink and water</p>	<p>WYPALL* Waterless Hand Wipes Code #91371</p> 	<ul style="list-style-type: none"> <li>• No rinse required hand cleansing</li> <li>• Alcohol-free formulation</li> <li>• Soothing ingredients aid in moisturizing skin</li> </ul>



# WYPALL\* Wipers

## Avoid heavy metal exposure

Did you know that something as simple as a rental shop towel can present a significant worker health hazard?

WYPALL\* Wipers give you an excellent alternative to rental shop towels that helps protect your workers' health and safety while providing outstanding wiping performance.

**A study by the Gradient Corporation<sup>1</sup> found that even after laundering, "clean" rental shop towels frequently contain:**

- Lead
- Iron
- Cadmium
- Oil
- Antimony
- Grease

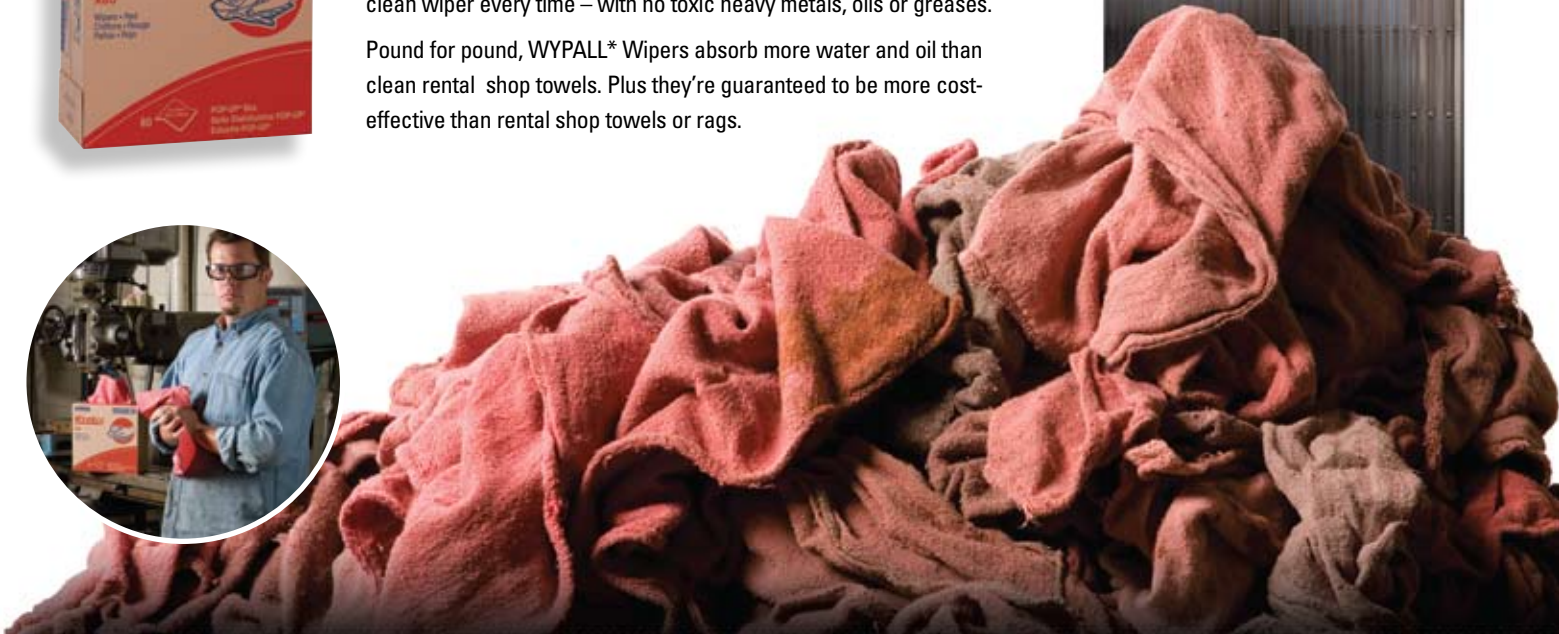
These metals can migrate to workers' hands, and ultimately to the mouth, where they can be ingested.

WYPALL\* Wipers offer you a simple solution. They provide a fresh, clean wiper every time – with no toxic heavy metals, oils or greases.

Pound for pound, WYPALL\* Wipers absorb more water and oil than clean rental shop towels. Plus they're guaranteed to be more cost-effective than rental shop towels or rags.



**Workers may ingest unacceptable levels of toxic heavy metals using just 2.5 rental shop towels a day.**



<sup>1</sup> Evaluation of Potential Exposure to Metals in Laundered Shop Towels, Gradient Corporation (2003). Leslie A. Beyer, MS, Mara R. Seeley PhD, et al. Download full report at <http://www.kcprofessional.com/us/download/product%20literature/gradient%20Report.pdf>.

## Affordable restroom and wash station solutions

### Make your restrooms and wash stations practical and sustainable

Well-managed restrooms and wash stations play a major role in keeping your workers healthy and on the job. From “touchless” hygienic dispensing systems for towels and tissues to ultra-high capacity dispensing, we offer a broad range of solutions that reduce consumption, guarantee less waste, reduced maintenance and lower overall cost.



#### **DID YOU KNOW**

The Forest Stewardship Council (FSC) label certifies that the wood fiber used to make the products comes from well-managed FSC certified forests, controlled sources and/or post-consumer waste.



**For restrooms and wash stations throughout your metal manufacturing facility**



Area of Plant	System Solution	Product Reward	Dispenser	Dispenser Reward
Facility Restroom/ Locker Room, Plant Floor, Wash Stations and Break Room	SCOTT® High Capacity Hard Roll Towels Product Code #02000	The practical choice delivering drying efficiency and reducing your maintenance time with ultra-high capacity 950' roll	09996	<ul style="list-style-type: none"> <li>• Easy maintenance</li> <li>• Touchless/controlled dispensing</li> </ul>
	SCOTT® Coreless Jumbo Roll Bathroom Tissue Product Code #07006	High capacity with each roll having 15% more tissue than standard JRT Jr. rolls	09608	<ul style="list-style-type: none"> <li>• No keys, no cores, no headaches</li> </ul>
	SCOTT® Coreless Single Roll Bathroom Tissue Product Code #04007		09604	
	KIMCARE INDUSTRIE* Hand Cleaners Product Code #91047, 91045	From grease and grime to everyday dirt	92013	<ul style="list-style-type: none"> <li>• High capacity dispensing system</li> </ul>
	KIMCARE GENERAL* Foam Fragrance and Dye Free Skin Cleanser System Product Code #91565	Green Seal® approved	92145	<ul style="list-style-type: none"> <li>• Innovative, easy to load cassette refills</li> <li>• Fresh pump each time</li> </ul>
	KIMCARE* Luxury Foam Instant Hand Sanitizer System Product Code #91560	Moisturizes hands and kills germs	92145	<ul style="list-style-type: none"> <li>• Easy to load cassette refills</li> </ul>
	KIMCARE* Continuous Air Freshener – Citrus Product Code #91067	Fresh, clean fragrance around the clock	92621	<ul style="list-style-type: none"> <li>• Economical</li> <li>• Easy to install</li> <li>• Low maintenance</li> <li>• Self powered with no batteries to replace</li> <li>• 60 days continuous fragrance on one cartridge</li> </ul>



## We can improve your metal manufacturing. Let us prove it.

KIMBERLY-CLARK PROFESSIONAL\* manufacturing experts will show you how to increase your performance and productivity. With our exclusive Site Survey, we can help you achieve a higher level of savings, protection and sustainability.

- Identify ways to control cost and increase performance
- Minimize workers' exposure to hazardous material
- Compare products in terms of environmental performance

**Call us.** For more information on our metal manufacturing products and related offerings or to schedule a Site Needs Analysis, call

**1-888-346-GOKC (4652)**

[www.kcprofessional.com/metal](http://www.kcprofessional.com/metal)

**60** days  
**20%** savings  
guaranteed

### Take the WYPALL\* X Wiper Challenge

The **WYPALL\* X Wiper Challenge** is simple. Replace your cloth rags or shop towels for 60 days. If you don't see the savings, KIMBERLY-CLARK will reimburse you the difference<sup>†</sup> between the cost of your product and our product up to \$1,000 in free WYPALL\* Wipers.

See program brochure or visit [www.kcprofessional.com](http://www.kcprofessional.com) for full details.

<sup>†</sup> Savings calculated based on cloth rag 60-day average cost as compared to 60-day Kimberly-Clark trial cost (product purchased-ending inventory)

### Our Guarantee

Your total satisfaction means everything to us. If, for any reason, our products do not meet your expectations, Kimberly-Clark will reimburse you<sup>‡</sup> for your initial purchase, via FREE product, for up to \$1,000. For more information on KIMBERLY-CLARK PROFESSIONAL\*, visit us online at [www.kcprofessional.com](http://www.kcprofessional.com), contact your Kimberly-Clark Sales Representative, or call us at 1-888-346-GOKC (4652).

<sup>‡</sup> Guarantee extended to consuming end-user accounts only.

Kimberly-Clark warrants that its products comply with K-C's standard specifications as of the delivery date to K-C's authorized distributors/direct purchasers. Except to the extent prohibited by applicable law: 1) **THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE;** 2) K-C is not liable for any kind of special, incidental, or consequential damages; and 3) K-C's liability for breach of contract, tort, or other cause of action shall not exceed the product purchase price. Purchasers and users are deemed to have accepted the above warranty and limitation of liability, and cannot change the terms by verbal agreement or by any writing not signed by K-C. To the extent required by applicable law, K-C does not limit its liability for death/injury resulting from K-C's negligence.

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**Reduce Today  
Respect Tomorrow**

Reduce Today, Respect Tomorrow\* is the KIMBERLY-CLARK PROFESSIONAL\* approach to sustainability. It begins with the understanding that the way we use resources today shapes the world of tomorrow. And it has led us to focus on reducing consumption at every stage of the product lifecycle – from design and manufacture to distribution and disposal. Reduction is the key to lowering the environmental impact of our activities as well as those of customers. To learn more about Reduce Today, Respect Tomorrow\* and how we can reduce consumption in your business, visit [www.kcpreducesustainability.com](http://www.kcpreducesustainability.com)

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