

# FACT SHEET

## Environmental comparison of WYPALL\* X80 Wipers vs. waste rag

Kimberly-Clark Professional has prepared this fact sheet to respond to questions regarding WYPALL\* X80 Wipers, waste rag and the environment.

### Environmental Commitment

Kimberly-Clark Professional has earned a reputation as a company that is committed to managing its environmental footprint. Part of that commitment involves helping customers understand how the environmental aspects of our wiping products compare to alternate choices such as waste rag.

### Environmental Comparison Model

Kimberly-Clark Professional commissioned GHD, an internationally renowned business services consultancy, to build a model that compared the environmental impact of various wiping products. The model compares WYPALL\* X80 Wipers against waste rag and laundered products such as tea towels, face cloths and dorset cloths.

The information the model provides, enables customers to weigh up the various factors that contribute to a product's footprint on the environment, giving them the ability to make the best decision for their business and the environment.

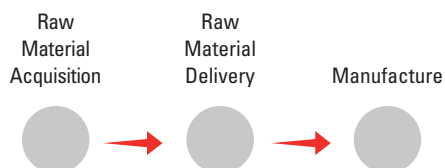
### What does the Model Measure?

The model snapshots the part of a wiping products lifecycle, beginning with the assessment of a products distribution to the customer's premises, concluding with an assessment of the products impact at the disposal stage. (see diagram below)

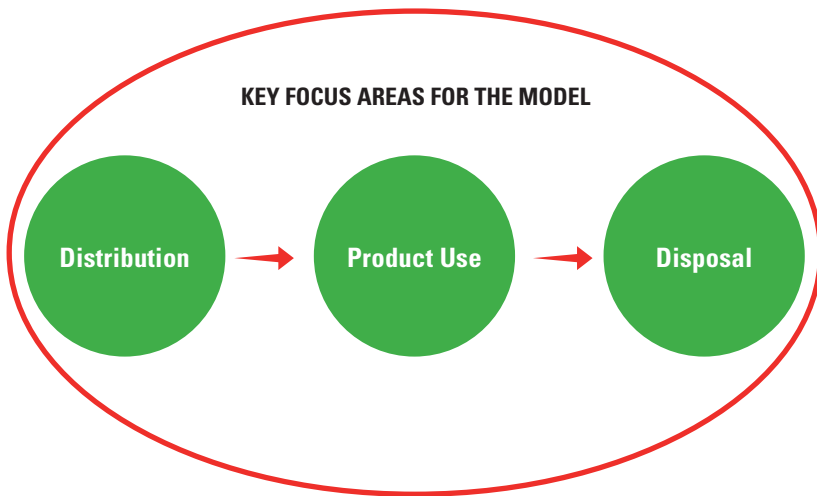
The model gives comparison results for:

- Greenhouse gas emissions and energy consumption in the transporting of product from the supplier to the customer's premise.
- Greenhouse gas emissions and energy consumption in the transporting of waste product from the customer to the landfill site.
- The comparison of waste volume occupied in landfill.
- Greenhouse gas emissions generated due to the degradation of waste product in landfill.

### PRODUCT LIFECYCLE



### KEY FOCUS AREAS FOR THE MODEL



## Environmental comparison

# WYPALL\* X80 Wipers vs. waste rag



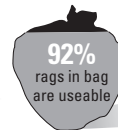
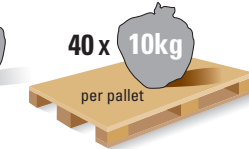
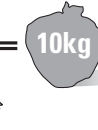
### MODEL INPUT ASSUMPTIONS

#### WYPALL\* X80 WIPERS



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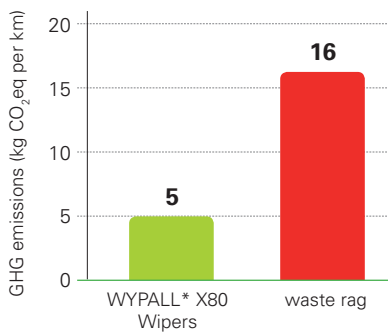
#### WASTE RAG



## Key Findings

(All calculations based on per million uses.)

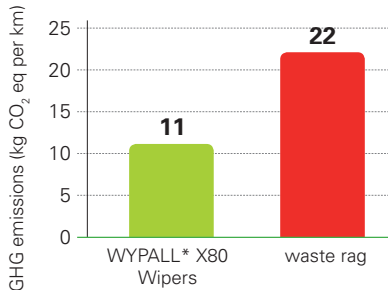
### OUTPUT GRAPH DISTRIBUTION TO CUSTOMER – GREENHOUSE GAS EMISSIONS



**69% less greenhouse gases per km** are consumed by WYPALL\* X80 Jumbo Roll Wipers during distribution to the customer compared to waste rag.

During distribution to the customer, replacing waste rag with WYPALL\* X80 is equivalent to taking 19 cars off the road per day.

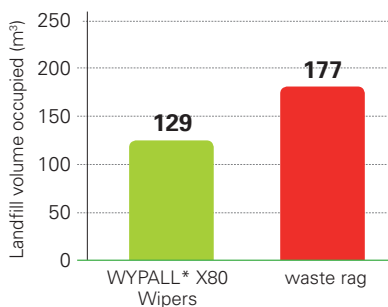
### OUTPUT GRAPH DISTRIBUTION TO LANDFILL – GREENHOUSE GAS EMISSIONS



**50% less greenhouse gases per km** are emitted by WYPALL\* X80 Jumbo Roll Wipers during distribution to landfill compared to waste rag.

During distribution to landfill, replacing waste rag with WYPALL\* X80 is equivalent to taking 18 cars off the road per day.

### OUTPUT GRAPH DISPOSAL IN LANDFILL – LANDFILL VOLUME OCCUPIED



**27% less space in landfill** is occupied by WYPALL\* X80 Jumbo Roll Wipers compared to waste rag.

Once disposed of in a landfill, waste rag occupies the same volume as 736 garbage bins (240L), which is 27% more than WYPALL\* X80 Wipers.

### CONCLUSION

**WYPALL\* X80 Jumbo Roll Wipers provide customers with a superior environmental alternative to waste rag.**

If you would like further information on the GHD Environmental Comparison Model or would like to find out more about our corporate environmental practices, visit [www.kcprofessional.com](http://www.kcprofessional.com) or call 1800 647 994.

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