

This LCA Compares Corrugated Liner Paper Types

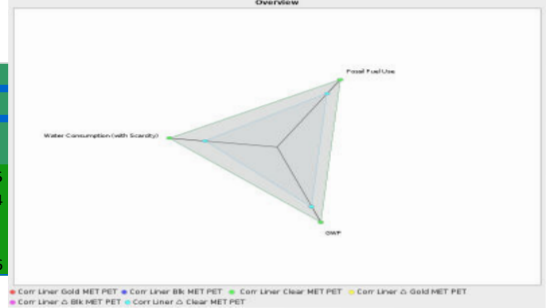
Product Names and Quantity: Corr Liner Gold MET PET(1) ,Corr Liner Blk MET PET (1) , Corr Liner Clear MET PET (1) ,Corr Liner Δ Gold MET PET (1) ,Corr Liner Δ Blk MET PET(1) ,Corr Liner Δ Clear MET PET(1)

Report Number: 2023-07-18T095136  
Data Version: COMPASS 2023.1  
Region: USA

These sections show the summary and the total impacts for each selected indicators used for the Life Cycle Analysis. Each indicator is composed of the material extraction, manufacturing, transportation, end of life, and use phase impacts. This will allow you to determine which life cycle phase has the greatest impact.

**LCA SUMMARY**

Overview						
Indicators	BOMs					
Name	Corr Liner Gold MET PET	Corr Liner Blk MET PET	Corr Liner Clear MET PET	Corr Liner Δ Gold MET PET	Corr Liner Δ Blk MET PET	Corr Liner Δ Clear MET PET
Fossil Fuel Use	843.473	843.473	843.473	668.565	668.565	668.565
GWP	66.823	66.823	66.823	52.984	52.984	52.984
Water Consumption (with Scarcity)	19607.824	19607.824	19607.824	13100.666	13100.666	13100.666

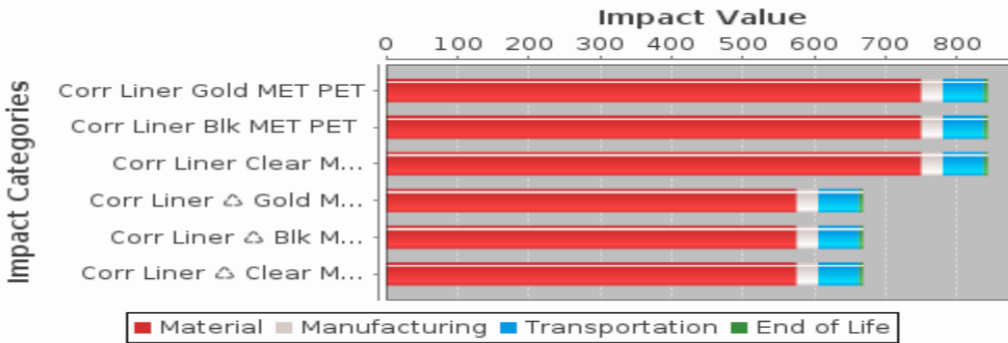


**INDICATORS**

**Fossil Fuel Use (GJ deprived)**

This indicator considers the total quantity of fossil fuel consumed throughout the life cycle reported in gigajoules (GJ) equivalents deprived/kg dissipated, which is based on an extraction-consumption-competition-adaptation approach. This indicator uses the Impact World+ method, uses the primary energy content, and assumes fossil resources mainly used for energy purposes. Fossil fuels include coal, petroleum, and natural gas.

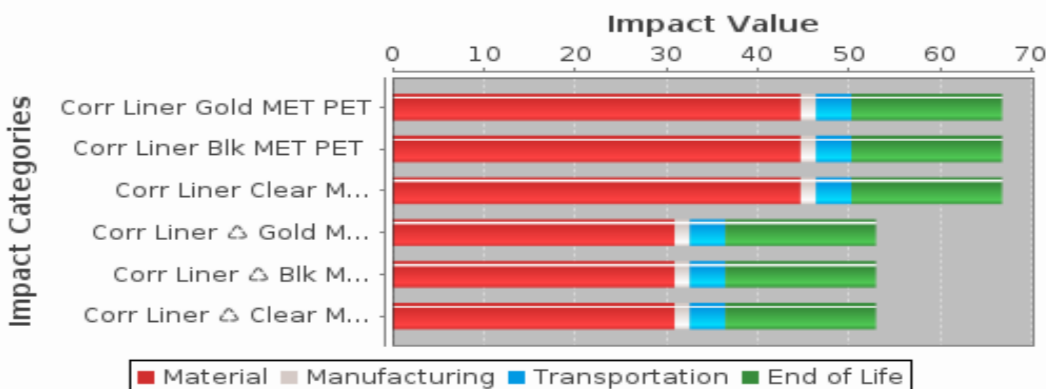
**Fossil Fuel Use ( GJ deprived )**



IMPACTS	
<b>Corr Liner Blk MET PET</b>	
Barrels of Oil	0.0
Average Homes Powered Yearly	0.0
<b>Corr Liner Clear MET PET</b>	
Barrels of Oil	0.0
Average Homes Powered Yearly	0.0
<b>Corr Liner Δ Gold MET PET</b>	
Barrels of Oil	28.59
Average Homes Powered Yearly	4.672
<b>Corr Liner Δ Blk MET PET</b>	
Barrels of Oil	28.59
Average Homes Powered Yearly	4.672
<b>Corr Liner Δ Clear MET PET</b>	
Barrels of Oil	28.59
Average Homes Powered Yearly	4.672

**GWP ( ton CO2 eq. )** Global Warming Potential (GWP) considers the total quantity of greenhouse gasses (GHG) emitted throughout the life cycle reported in kilograms of CO2 equivalents. This calculation follows the IPCC Sixth Assessment Report (AR6) 2021 100a w/o CO2 Uptake method and considers climate feedback loops. It considers global warming potential for a 100-year timeframe.

**GWP ( ton CO2 eq. )**

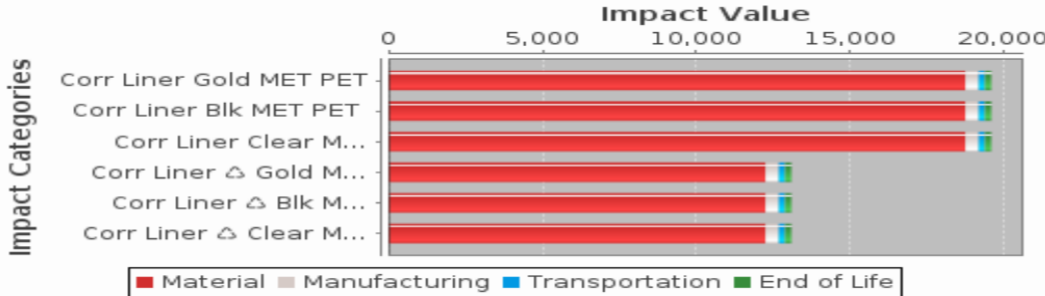


IMPACTS	
<b>Corr Liner Blk MET PET</b>	
Passenger Vehicles Driven Yearly	0.0
Miles Driven by Passenger Vehicles	0.0
Liters of Gasoline Consumed	0.0
Tree Seedlings Grown for 10 Years	0.0
Acres of Forests Yearly	0.0
<b>Corr Liner Clear MET PET</b>	
Passenger Vehicles Driven Yearly	0.0
Miles Driven by Passenger Vehicles	0.0
Liters of Gasoline Consumed	0.0
Tree Seedlings Grown for 10 Years	0.0
Acres of Forests Yearly	0.0
<b>Corr Liner Δ Gold MET PET</b>	
Passenger Vehicles Driven Yearly	2.963
Miles Driven by Passenger Vehicles	33917.475
Liters of Gasoline Consumed	5894.425
Tree Seedlings Grown for 10 Years	358.599
Acres of Forests Yearly	16.28
<b>Corr Liner Δ Blk MET PET</b>	
Passenger Vehicles Driven Yearly	2.963
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**Water Consumption (with Scarcity) ( m3 world-eq )** This indicator considers the relative available water remaining per area in a watershed after the demand of humans, aquatic ecosystems, and manufacturing process has been met, compared to the world average. The AWARE method is used to calculate the water scarcity footprint, which looks at the potential to deprive another freshwater user by consuming freshwater in a given region. The water scarcity footprint is the water consumption inventory multiplied by a characterization factor, which is based on the availability and demand of freshwater in a given region. The characterization factors have a range of 0.1 to 100, with higher numbers associated with more water-scarce regions, and are dimensionless (m3 world eq./m3). The water scarcity footprint results are typically reported in m3 world-eq. but may be reported in liters world-eq. if there is a small quantity of water being considered in the analysis by EcoImpact-COMPASS.

IMPACTS	
<b>Corr Liner Blk MET PET</b>	
Gallons of Water	0.0
Average Showers	0.0
People Showering Daily for a Year	0.0
Olympic Sized Swimming Pools	0.0
<b>Corr Liner Clear MET PET</b>	
Gallons of Water	0.0
Average Showers	0.0
People Showering Daily for a Year	0.0
Olympic Sized Swimming Pools	0.0
<b>Corr Liner ♻️ Gold MET PET</b>	
Gallons of Water	1719196.276
Average Showers	99956.343
People Showering Daily for a Year	273.853
Olympic Sized Swimming Pools	2.603
<b>Corr Liner ♻️ Blk MET PET</b>	
Gallons of Water	1719196.276
Average Showers	99956.343
People Showering Daily for a Year	273.853
Olympic Sized Swimming Pools	2.603
<b>Corr Liner ♻️ Clear MET PET</b>	
Gallons of Water	1719196.276
Average Showers	99956.343
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Olympic Sized Swimming Pools	2.603

## Water Consumption (with Scarcity) ( m3 world-eq )



**Note: This LCA represents information about INDEVCO Packaging Solutions products only.** The COMPASS report uses life cycle inventory (LCI) data that represents an industry average for materials, manufacturing processes, and end of life impacts. The Life Cycle Analysis (LCA) in this report can be used for directional guidance in internal decision making and understanding trade-offs. COMPASS follows the guidelines of ISO 14040 in determining and documenting the scope, assumptions, consistent boundary conditions and data sources. According to ISO 14040, LCA results should not be used to make comparative assertions between competitive products to be disclosed to the public without first conducting a third party critical review.

Ask about our [Carbon Footprint Reduction Program](#) to help you improve your company's packaging footprint

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