

Disposable and reusable (daisygrip) tourniquet sustainability comparison

- We calculated for a disposable tourniquet with low co2 emissions – your used product will likely have higher emissions and also emit carbon dioxide from many shipments (not accounted for here)
- The calculation refers to 1 year with approx. 3500 comparative uses of ‘single use tourniquets’ or a ‘daisygrip with 3500 wipes’

Results:

With 3500 uses, using the daisygrip (and one wipe) saves 13,91 kg of CO2e equivalent and 16,73 kg of waste.

Materials	Single use tourniquet		Reusable tourniquet, wipeable (daisygrip)			Wipe (e.g. Clinell)
	e.g. Silicone	Packaging (cardboard)	Silicone	Nickel	Copolyester (PET)	PET/PTFE
Emissions factor (kgCO2e/kg)	1,9	0,88	1,9	12,4	4,032	4,032
Weight in g	6	0,8	32	4	30	2
Weight in kg	0,006	0,0008	0,032	0,004	0,03	0,002
Emissions/unit = Weight x EF (Kg Co2e)	0,0114	0,0007	0,0608	0,0496	0,1210	0,0081
Carbon Equivalence for 3500 uses	39,90	2,46	0,23			28,22
Total CO2e equivalent (Kg) for 3500	42,36		28,46			
Saving			13,91			
Weight of waste in kg	23,8		7,066			
Saving			16,734			

Gerichtsstand ist Rostock. Die Ware bleibt bis zur vollständigen Bezahlung in unserem Eigentum. Es gilt ausschließlich deutsches Recht. Es gelten unsere allgemeinen Geschäftsbedingungen, nachzulesen unter www.daisygrip.de.