EarthPositive™ Carbon Footprint Reduction Table

The values shown below represent the total Carbon Footprint as calculated and verified by **the Carbon Trust**. The **'Initial' value** accounts for the use of conventional fossil fuel based energy sources from the national grid. The **'Reduction'** is achieved by using renewable green energy sources. There is no off-setting.

EP01 Men's T-shirt WHITE	S	M	L	XL	XXL
Initial Carbon Footprint [kg of CO2]	5.839	6.031	6.574	7.016	7.694
Reduction [kg of CO2]	-5.244	-5.417	-5.903	-6.299	-6.909
[%]	89.810	89.819	89.793	89.781	89.797
Final Carbon Footprint [kg of CO2]	0.595	0.614	0.671	0.717	0.785

EP01 Men's T-shirt BLACK	S	M	L	XL	XXL
Initial Carbon Footprint [kg of CO2]	5.944	6.139	6.691	7.143	7.833
Reduction [kg of CO2]	-5.339	-5.515	-6.009	-6.413	-7.034
[%]	89.822	89.835	89.807	89.780	89.800
Final Carbon Footprint [kg of CO2]	0.605	0.624	0.682	0.730	0.799

EP02 Women's T-shirt WHITE	XS	S	M	L	XL
Initial Carbon Footprint [kg of CO2]	4.119	4.432	4.979	5.158	5.567
Reduction [kg of CO2]	-3.698	-3.978	-4.473	-4.628	-5.001
[%]	89.779	89.756	89.837	89.725	89.833
Final Carbon Footprint [kg of CO2]	0.421	0.454	0.506	0.530	0.566

EP02 Women's T-shirt BLACK	XS	S	M	L	XL
Initial Carbon Footprint [kg of CO2]	4.193	4.512	5.068	5.252	5.666
Reduction [kg of CO2]	-3.765	-4.050	-4.553	-4.713	-5.091
[%]	89.793	89.761	89.838	89.737	89.852
Final Carbon Footprint [kg of CO2]	0.428	0.462	0.515	0.539	0.575

EP21 Polo shirt WHITE	S	M	L	XL	XXL
Initial Carbon Footprint [kg of CO2]	10.496	11.450	12.127	12.730	13.110
Reduction [kg of CO2]	-9.436	-10.295	-10.904	-11.446	-11.788
[%]	89.901	89.913	89.915	89.914	89.916
Final Carbon Footprint [kg of CO2]	1.060	1.155	1.223	1.284	1.322

EP21 Polo shirt BLACK	S	M	L	XL	XXL
Initial Carbon Footprint [kg of CO2]	10.953	11.920	12.496	13.080	13.500
Reduction [kg of CO2]	-9.847	-10.718	-11.236	-11.762	-12.140
[%]	89.902	89.916	89.917	89.924	89.926
Final Carbon Footprint [kg of CO2]	1.106	1.202	1.260	1.318	1.360

EP61P Men's Pullover Hoody	S	M	L	XL
Initial Carbon Footprint [kg of CO2]	26.939	27.248	27.520	27.789
Reduction [kg of CO2]	-24.085	-24.362	-24.606	-24.847
[%]	89.406	89.408	89.411	89.413
Final Carbon Footprint [kg of CO2]	2.854	2.886	2.914	2.942

EP62P Women's Pullover Hoody	XS	S	M	L
Initial Carbon Footprint [kg of CO2]	19.626	19.893	20.449	20.679
Reduction [kg of CO2]	-17.512	-17.751	-18.267	-18.473
[%]	89.229	89.232	89.330	89.332
Final Carbon Footprint [kg of CO2]	2.114	2.142	2.182	2.206

working with the Carbon Trust

CO2

The units of measure are actually CO2e (carbon dioxide equivalent), which means we have looked at all the green-house gases including carbon dioxide, methane and nitrous oxide, which all have a relative score of an impact on the atmosphere.

How does the carbon footprint of other promotional apparel compare with EarthPositive apparel?

Until other promotional apparel brands publish the exact carbon emissions values of their products, we can assume that the carbon footprint of a typical Woman's T-shirt should be in the range of 5-7kg of CO2, and a Men's T-shirt should be in the range of 5-9kg of CO2. Conventionally farmed cotton has a greater footprint than organic cotton because of its dependence on petroleum based chemical fertilizers and pesticides.

Larger sizes or heavier weight T-shirts will have a correspondingly greater footprint. The more raw materials needed to make a product, the higher its carbon footprint.

Cotton garments produced in countries using highly mechanised supply chains will have a much greater footprint than those using more manual labour-based production methods. Basically, countries that mainly use agricultural machines for farming that run on fossil fuels, will have a much higher carbon footprint than those that are more labour intensive.