

# PRODUCT SPECIFICATION



1 MAY 2018

## DesignCork Fabric

Name	Specification	Method
Width	1400mm	-
Length	50m	-
Usage temperatures	from -180°C to +140°C	-
Backing	15.5% Polyester + 29.5% Cotton + 55% PU (abrasion, scotch and UV treatment)	
Tensile strength	7.6/5.0 Mpa	ISO 17706:2003
Elongation at break	23 / 17%	ISO 17706:2003
Tear strength	22/ 17 N	ISO 17696:2004
Stitched seams strength	2.0 N/mm	ISO 17697-B:2003
Flexing resistance (>100.000 cycles)	No damage	ISO 7854:1995
Coating adhesion	10/13 N/50mm	ISO 2411:2000
Abrasion resistance (Martindale)	51 200 cycles - no damage	ISO 5470-2
Resistance Surface wetting	ISO 4/ ISO 3	ISO 4920:1981
Vamp flexion (>500.000 cycles)	No damage	ISO 22288:2006
Ignitability test (cigarette)	Pass	BS5852:2006
Colour fastness to rubbing	No staining/swelling	ISO 17700:2004
Water permeability	0.0%	ISO 17702:2003
Colour fastness to artificial light	3 (Blue scale)	ISO 105-B02:1999
pH (aqueous extract)	7.65	ISO 3071:2005
Formaldehyde content	<20 (LD) ppm	ISO 14184-2:2011

### Use recommendations

- Textile applications (fashion segment)
- Decorative applications
- Industrial applications
- Manufacture of other products

### RoHS Declaration

Pure Tree Ltd materials meet the requirements of RoHS Directive of European Union 2011/65/EU - Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment. We do not intentionally add lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyl (PBB) or polybrominated diphenyl ether (PBDE) to any Cork Rubber and/or Cork Composition products. Further, to the best of our knowledge, the Cork Rubber and Cork Composition materials do not contain any of the compounds listed above the indicated thresholds. The response provided by Pure Tree Ltd is based upon our knowledge of the raw materials used in its manufacture in conjunction with chemical analysis performed on similar materials.

### Reach Declaration

According to REACH, the European Chemicals Agency (ECHA) have produced a list of substances, last revision in 19 of December 2012, that are designated as being Substances of Very High Concern (SVHC) and will become subject to Authorisation. After analysing the revised List, Pure Tree Ltd declares that do not intentionally add any of those SVHC to our Cork Composition and Cork Rubber agglomerate and to the best of our knowledge the raw materials we use in our materials do not contain the listed substances.

### Disclaimer

This data sheet may be subject to revision due development and changes in the material. The data derives from tests and experience. The data is average data and should be treated as such. Calculations should be verified by actual tests. The data is furnished without liability for the company and does not constitute a warranty or representation in respect of the material or its use. The company reserves the right to release new data sheets in replacement.