



Technical Data Sheet

Product name: *Cadco Rigid PVC Film Clear Gloss/Gloss*

Description: Clear Gloss/Gloss rigid PVC film suitable for screen printing, UV offset and UV flexo.

Properties	Standard	Unit	Standard values
Thickness base film	DIN 53370 / ISO 4593	µm	50 ... 800
Tolerance of Thickness	DIN 53370 / ISO 4593	%	-7,0 ... 7,0 200 µm -5,0 ... 5,0 201 ... 400 µm -4,0 ... 4,0 401 ... 800 µm
Density	DIN EN ISO 1183-2	g/cm ³	1,31 ... 1,35
Tensile strength, min.	DIN EN ISO 527 test speed V 50 mm/min, measured lengthwise, depending on thickness	MPa	42
Impact strength, min.	DIN EN ISO 8256 measured lengthwise	kJ/m ²	550
VICAT-softening point	DIN EN ISO 306 method B/50	°C	72 ... 76
Dimensional stability -longitudinal	DIN 53377 storage in oven at 140°C/10min	%	-15,0 ... 0,0 100 µm -7,0 ... 0,0 101 ... 200 µm -5,0 ... 0,0 201 ... 400 µm -4,0 ... 0,0 401 ... 800 µm
Dimensional stability -transverse	DIN 53377 storage in oven at 140°C/10min	%	-4,0 ... 4,0 100 µm -2,0 ... 2,0 101 ... 600 µm
Max. temperature load	without remaining change of sizes	°C	55
Surface tension, min.	DIN ISO 8296 measured with test inks	mN/m	32 ... 36
Surface reflexion, 20°	DIN 67530; ASTM D-523 measuring angle 20°	GE	120 ... 130

Regulatory: The product corresponds to:

- Respective regulations and directives for food contact
- Packaging requirements for heavy metals
- Supplementary confirmations to the above-named points can be issued on request.

Storage conditions:

- Ideal storage conditions between 10 - 30°C (50 - 86°F)
- Ideal RH 40 - 70%
- Should not be stored in direct sunlight and avoid major thermal fluctuation
- Store in original packaging
- Before working up the films should be conditioned a minimum of 24 hours room temperature (15 - 30°C)
- recommended use of the material within one year of production date

Note: The above figures are typical values obtained under standard methods and are not intended for specification purposes. Except as provided in seller's standard conditions of sale, seller shall not be responsible for any loss resulting from any use of its products or services described herein. Each user is responsible for making its own determination as to the suitability of seller's products, services or recommendations for user's particular use through appropriate end-use testing and analysis.