

Grafix Thermoreflex



A Highly Visible Reflective Material (EN471)

THERMOREFLEX is a reflective, thermoweldable material for computer cutting. Manufactured through glass micro balls technology. It is EN471 European safety standard compliant. Recommended for work wear and applications which require more than 100 lumen luminescence.

Colourimetry

Chromaticity co-ordinates: $x = 0,3077$ $y = 0,3263$ Luminance: $Y = 23,06$

Colourimetry

Angle of divergence	Angle of Illumination			
	5°	20°	30°	40°
12'	504Cd/Lux mq.	470Cd/Lux mq.	370Cd/Lux mq.	160Cd/Lux mq.
20'	348Cd/Lux mq.	346Cd/Lux mq.	295Cd/Lux mq.	150Cd/Lux mq.
1°	30Cd/Lux mq.	28Cd/Luxmq.	24Cd/Lux mq.	35Cd/Lux mq.
1°30'	15Cd/Lux mq.	14Cd/Lux mq.	13Cd/Lux mq.	7Cd/Lux mq.

Values given refer to the non-transferred product: should transferring not be carried out properly, changes might occur. Variations might depend also on the type of support where the material is transferred onto.

Application Instructions

- 1 Cut in reverse
- 2 Heat apply with its own polyester backing
- 3 Remove backing

Due to the many different base materials available on the market, the following heat transfer instructions are given as guideline only:

Temperature: 150°C
Pressure: Low

Time: 15 sec.
Washable to: 30°C

These are the manufacturers guidelines but we have found that it is preferable to leave the polyester backing for the whole application.

GRAFITYP

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