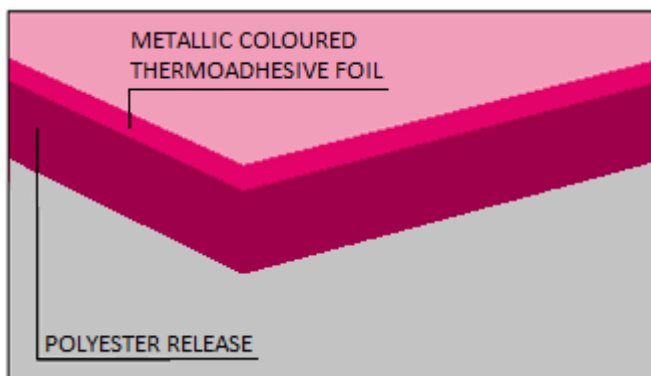


TECHNICAL DATA SHEET

TR TRANSFER SILVER

TR TRANSFER SILVER is a metallic silver foil specifically designed for digital hot foiling applications (sleeking) on toner printed paper and cardboards. It can also be used on UV digital varnishes (test required).



TYPICAL TECHNICAL FEATURES ⁽¹⁾

PHYSICAL PROPERTIES	METHOD	UNIT	VALUE <i>code 192/48</i>
Thickness	Internal	µm	14 ± 1

MECHANICAL PROPERTIES		METHOD	UNIT	VALUE <i>code 192/48</i>
Tensile strength at break	MD	ASTM D882	Kg/mm ²	28 ± 3
	TD			24 ± 3
Elongation at break	MD	ASTM D882	%	110 ± 10
	TD			130 ± 10

THERMAL PROPERTIES		METHOD	UNIT	VALUE <i>code 192/48</i>
Thermal shrinkage (150°C/30min)	MD	ASTM D1204	%	2,5 ± 0,5
	TD			1,5 ± 0,5
Lamination temperature	adhesive side	Internal	°C	90 - 110 ^(†)
Lamination pressure		Internal	MPa	0,5 ^(†)
Lamination speed		Internal	m/min	1 ^(†)

^(†) variable according to the processing conditions; the value hereby indicated is specific for a Qtopic laminator.

STORAGE

Store the material in a dry location (preferably with RH < 50%) at a constant temperature between 20°C and 30°C. Do not leave it exposed to direct sunlight or atmospheric agents. Partially used reels have to be repacked as originally supplied.

WARRANTY

Material processability is guaranteed up to 3 months since shipment date, as long as it is stored correctly.

⁽¹⁾ The information and data contained herein are to be used only as a guideline; therefore, ULTRALEN FILM GmbH doesn't offer any guarantee on their absolute truthfulness and doesn't accept any liability arising out of their use.

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It is recommended to condition the material at room temperature at least 24 hours before its use.

DISCLAIMERS

ULTRALEN FILM GmbH gives no warranty, expressed or implied, as to the suitability of the material for a specific application or characteristic use. An industrial homologation test of the material in actual conditions of purpose is always needed in order to verify its suitability for the specific application or characteristic use. Before using the material, it is advisable to check the compatibility of the inks and adhesives to be purposed with the type and level of its treatment.

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