



SCREEN PRINTING TEXTILE INK POLYWORKS ANTI-FEU

Mild-odour physically-drying ink, designed for printing on fabric, directly or by transfer.

Polyworks Anti-Feu is mainly used on thick synthetic fabric, coated fabrics and leather (handbags and luggage, slipcovers and cases, awnings). It is also used on cotton and cotton polyester (work clothing), as well as on most technical fabrics.

It has a high degree of fire resistance according to NF EN ISO 15025 testing (associated with the ISO 14116 standard).

Use

POLYWORKS ANTI-FEU can be used on most synthetic and woven cotton fabrics.

It is exclusively used with the XF 822 hardener, constituting 10% of the total weight.

Final resistance is obtained 72 hours after application.

We nonetheless recommend waiting 1 week in order to allow the properties of the ink to become permanent.

We suggest checking the fire resistance of the printed clothing under actual conditions for each workshop.

We recommend checking the different compatibilities and resistances of the ink on a particular fabric by washing the finished item under the conditions stated on the label.

This ink lets you print on work clothing directly or by transfer.

Printing by transfer

Adhesive powder (**3863327**) must be used.

The ink, combined with 10% of hardener XF 822 (representing 10% of the ink weight), will be fixed on polyester film for matt transfer only (**2543600 or 3543700**)

- **Drying:** in open air or accelerated in a tunnel. 1 minute in a tunnel at 110°C after adding the adhesive powder.

- Wait for 72 hours.

- **Transfer to textile:** pressure: 3 to 5 bars; temperature: 170°C - 190°C; time: 20 to 30 s.

We recommend checking these parameters under your conditions by washing the clothing.

Technical characteristics techniques

■ Appearance:	glossy	■ Thinners:	
■ Viscosity:	38 ± 5 Pa.s	■ reducer	4908
■ Drying:		■ retarder	4968
• air	30 mins at 20°C	■ Cleaning solvents:	
• forced air tunnel	2 mins at 60°C	■ manual	2891, NS-81, NS-91
■ Ink + hardener		& NS-99	
mix pot life:	12 hours	■ washer	2891, 2899, NS-81, NS-91
■ Covering power		& NS-99	
by opacity:	good	■ Storage and shelf life:	see label
■ Fire resistance:	ISO 15025		
test OK			

POLYWORKS ANTI-FEU inks comply with the EN 71-3 standard.

STANDARD COLOURS		1 kg item no.
	White OP *	34A2012
	Lemon OP *	34A2002
	Bright red OP	34A2008
	Medium blue OP *	34A2022
	Medium green OP *	34A2033
	Black OP *	34A2072



BASES	
Varnish *	34A2058
ADDITIVES	
Hardener: XF 822, 100 g dose	3470503

The colours shown in this document are non-binding.
On request, we will provide you with a colour guide that shows the tints more faithfully.



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