

## WELDING



### CERTIFICATION:

ISO 11611



ISO 11612



PENDING

PASS (A1, A2,  
B1, C1, E3, F1)

Gefest is a heavy weigh 420 gsm pure cotton protective fabric with flame retardant finishing. Smooth Satin 4/1 weave.

ASTM F1959 (Electric Arc Rating): **HRC 2**

ATPV = 20.0 cal/cm<sup>2</sup>, HAF = 87%

### CARE INSTRUCTIONS:



KEEP IN COOL DRY PLACE, WITH NO DIRECT SUNLIGHT

Gefest flame retardant protective fabric is purposed for professional welders clothing in different areas such as Machinery, Metallurgy, Oil and Gas Pipeline construction, Automotive etc. Satin weave of Gefest is extremely useful in protective overalls, bibs or aprons of welders and other workers letting molten metal drops go off easily from the smooth surface of the fabric. Made of natural fibers it is comfort to wear and at the same time Gefest protects from risks of Flash Fire and Electric Arc. With an excellent ATPV parameter (20 cal/cm<sup>2</sup>), Gefest may reach the requirements of HRC level 3 (25 cal/cm<sup>2</sup>) with the use of additional flame retardant underwear.

### SPECIFICATION:

ARTICLE	COMPOSITION	ANTISTATIC	WEIGHT	WEAVE	FULL WIDTH	FINISHES
GEFEST	100% COTTON	-	420 GSM / 12,4 OZ	SATIN 4/1	151 CM (±1 CM)/ 60"	FLAME RETARDANT

### PHYSICAL PARAMETERS:

	YARN TYPE	TEARING STRENGTH (ISO 13937-2)	TENSILE STRENGTH (ISO 13934-1)	SHRINKAGE (ISO 6530-2000)
<b>WARP</b>	RING SPUN	36 N	> 1560 N	≤±3%
<b>WEFT</b>	RING SPUN	58 N	> 1395 N	≤±3%

### COLOUR FASTNESS TO:

WASHING 60°C (ISO 105 C06)		RUBBING (ISO 105 X12)		DRY CLEANING (ISO 105 D01)	PERSPIRATION (ISO 105 E04)	LIGHT (ISO 105 B02)
COLOUR CHANGE	COLOUR STAINING	DRY	WET	-	-	-
4-5	4-5	4-5	4	4-5	4-5	4

### STANDARD COLOURS:

<b>RED</b> #128-06	<b>ORANGE</b> #128-07	<b>ROYAL BLUE</b> #128-04	<b>HI-VIZ YELLOW</b> #128-08	<b>GREY</b> #128-02
<b>DARK NAVY</b> #124-01	<b>KHAKI</b> #182-04	<b>GREEN</b> #128-03	<b>YELLOW</b> #128-11	<b>BLACK</b> #128-01