

Item	Unit	SDCJ5591	Excutive Standard				
Base fabric	-	High strength low shrink polyester fiber	DIN EN 60001				
Titer of yarn	D	540*500	DIN EN ISO 2060				
Color	-	Orange	-				
Weave Style	-	Knitted fabric	DIN ISO 934				
Total weight	g/m <sup>2</sup>	420	DIN EN ISO 2286-2				
Tensile Strength (Warp/Weft)	N/5cm	800/600	DIN 53354				
Tear strength (Warp/Weft)	N	120/110	DIN53363				
Adhesion strength	N/5cm	60	DIN53357				
Threshold Temperature	℃	-25~60	DIN EN 1876-2				
Fire resistance	-	DIN4102 B1/EN13501/NFPA701/DIN75200	DIN4102 B1/EN13501/NFPA701/DIN75200				
Oxygen Index	%	30	BB/T0037-2012				
Antistatic	Ω	≤ 3 x 10 <sup>8</sup>	DIN54345				
Item		Unit	Type				
Standard Size		L	GD30	GD40	GD60	GD80	
Dimension (LxWxH)		cm	45*38*25	60*38*25	90*38*25	90*48*29	
Excutive Standard		-	MT157-1996				
Fire Resistance	Alcohol Blast Burner (960℃)	The arithmetic mean of the flame combustion time	s	≤3	≤3	≤3	≤3
		Single value of flame burning time	s	≤10	≤10	≤10	≤10
		The arithmetic mean of the flameless combustion time	s	≤10	≤10	≤10	≤10
		Single value of flameless burning time	s	≤30	≤30	≤30	≤30
	Alcohol burner (520℃)	The arithmetic mean of the flame combustion time	s	≤6	≤6	≤6	≤6
		Single value of flame burning time	s	≤12	≤12	≤12	≤12
		The arithmetic mean of the flameless combustion time	s	≤20	≤20	≤20	≤20
		Single value of flameless burning time	s	≤60	≤60	≤60	≤60
Surface Resitance		Ω	≤ 3 x 10 <sup>8</sup>				
Water Distribution	Explosion pressure at 29m		kPa	≤12	≤12	≤12	≤12
	Action time to form the best mist		ms	≤150	≤150	≤150	≤150
	Optimal water mist duration		ms	≥160	≥160	≥160	≥160
	Optimal water mist dispersion length		m	≥5	≥5	≥5	≥5
	Optimal water mist dispersion Width		m	≥3.5	≥3.5	≥3.5	≥3.5
	Optimal water mist dispersion Height		m	≥3	≥3	≥3	≥3

The above values are average for reference, allowing <10% tolerance.  
Customization is acceptable for all given values.