

ARMORWELD®

PRODUCT PART NUMBER
18WF, 18HCF, 24WF,
24HCF, 24SOF and 35WF
Fiberglass Welding Cloths

PRODUCT DATA SHEET

The two most economical high temperature industrial textiles are plain white fiberglass, and, heat-cleaned fiberglass. **EMTECH** has both products readily available.

Our plain white fiberglass, **ARMORWELD® series WF**, is available in three off the shelf weights. 18oz., 24oz. and 35oz. Each of these weights come in three different roll sizes; 40", 60" and 72".

EMTECH heat cleaned fiberglass, **ARMORWELD® series HCF**, is one of the most common cloths in the industry. Heat cleaning removes the loose fibers making the cloth less irritable to handle without reducing the physical characteristics.

ARMORWELD® HCF cloth is available in 18oz. and 24oz. both weights in width of 40", 60" and 72".

Our safety orange fiberglass, **ARMORWELD® series SOF**, is available off the shelf in weights 24oz. and in roll widths; 40" & 60".

All **ARMORWELD®** fiberglass cloths are available with coatings or dyed per specifications. Contact Customer Service for details.

TECHNICAL DATA:

CHARACTERISTICS	Style 18WF-	Style 18HCF-	Style 24 WF-	Style 24HCF-	Style 24SOF-	Style 35WF-
Type of Glass	E-Glass	E-Glass	E-Glass	E-Glass	C-Glass	E-Glass
Fabric Finish	None	Heat Cleaned	None	Heat Cleaned	Orange	None
Weave	Plain	Plain	Plain	Plain	Plain	Plain
Fabric Color	White	Tan	White	Tan	Orange	White
Warp	ETDE 12.4	ETG 12.4	ETG 11.6	ETG 11.6	ETG 6.8	
Fill	ETDE 12.4	ETG 12.4	ETG 3.87	ETG 3.87	ETG 9	
Warp (ends / inch)	20 ± 1	20 ± 1	12.7 ± 1	12.7 ± 1	20 ± 1	15 ± 2
Fill (ends / inch)	14 ± 1	14 ± 1	12.2 ± 1	12.2 ± 1	10 ± 1	7 ± 2
Weight (oz. / yd ²)	17.5 ± 0.5	17.5 ± 0.5	24 ± 0.5	24 ± 0.5	24 ± 0.5	35 ± 0.5
Thickness (inch)	0.027" ± 0.002"	0.027" ± 0.002"	0.040" ± 0.004"	0.040" ± 0.004"	0.040" ± 0.004"	0.080" ± 0.002"
Width (inch)	40" / 60" / 72"	40" / 60" / 72"	40" / 60" / 72"	40" / 60" / 72"	40" / 60"	40" / 60" / 72"
Tensile Strength, Minimum						
Warp (lbs. / inch)	200	250	300	300	300	
Fill (lbs. / inch)	100	150	250	250	250	
Roll Length (ly)	50	50	50	50	50	
Flame Resistance	Non-flammable	Non-flammable	Non-flammable	Non-flammable	Non-flammable	Non-flammable
Afterglow	< 5 seconds	< 5 seconds	< 5 seconds	< 5 seconds	< 5 seconds	< 5 seconds
Service Temperature	1000°F	1000°F	1000°F	1000°F	700°F	1000°F