

# CREATING ART FOR WEAVING

## Image File Size

In jacquard weaving, artwork is reduced in size to small pixel files and later expanded in our weaving software to the end size of the woven fabric. Each pixel on a design image represents approximately 1 crossover point of a warp (vertical) thread and weft (horizontal) thread.

For best results, we recommend resizing your artwork to the exact pixel dimensions that correspond with your planned woven size product. It is not necessary but will produce the most accurate weaving results. It is beneficial to see what design elements may be minimized or lost all together when you greatly reduce file size, especially for artists accustomed to printing at larger high resolution file sizes.

Soft Tapestry 54" x 40" = 768 x 545 pixels
Soft Tapestry 54" x 54" = 768 x 768 pixels
Soft Tapestry 54" x 72" = 768 x 1025 pixels
Soft Tapestry 54" x 62" = 850 x 716 pixels
Soft Tapestry 62" x 62" = 850 x 850 pixels
Soft Tapestry 62" x 84" = 850 x 1150 pixels

## Image File Format

The best image file formats for uploading to the website are PNG, TIFF, and JPEG. Image files cannot be submitted online in a layered format.

## Artwork Colors

Our jacquard weaving technology can translate a wide range of art into woven fabric. We can weave simple shapes, painterly textures, subtle value shading, and photographic realism. There is no limit of colors for artwork submission.

In-house artists will reduce the colors in your design by indexing to an ACO Swatch (Adobe Color File). Each RGB coded color in the ACO Swatch represents a weave structure. The colors are not flat colors, but rather a complex interlacing of colorful tapestry warp threads with white and black weft threads. 6 colors of warp threads (White, Black, Green, Red, Blue, Yellow) and 2 colors of weft threads (Black, White) can interlace in numerous ways to create thousands of color options. However, picking from thousands of colors is a long and difficult process. So our artists have selected a color palette of 147 weaves that have wide ranging color output and, most importantly, are engineered to run optimally and efficiently on our looms.

### FiberArt Palette

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112
113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128
129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144
145	146	147													

### FiberArt Palette Woven Simulation

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112
113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128
129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144
145	146	147													

### Prep Your Colors for Weaving

We do not require that you set up your artwork with our ACO SWATCH color file. Our artists can translate your design to. However, if you want more control with the outcome, you can use our ACO Swatch file to reduce your artwork colors by indexing to our RGB coded palette. You will need to resize your artwork to the product's exact pixel dimensions prior to indexing colors.