



## SPICER ART CONSERVATION, LLC

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		1. Magnet Properties					2. Ferromagnetic material		3. Gap		
Type of Artifact, Reference	Type of system	Grade	Size	Gauss (ga)	Pull Force (lb)	Direction	Gauge	Coating	Sleeve; cavity layers; camouflage layer	Gap Layers: * magnet, [ ] layers around * ■ Ferromagnetic material, /\ layers around ■ <b>gap layers - in bold</b> { } layers around the mount, ie behind artifact	Angle of mount
ace (Ritsch & Douglas, 2011)	Points (Magnet to magnet)		Disc.			Axial	NA	NA	Paint (fig. 4)	* <b>artifact</b> { * (Plexiglas) }	Vertical
ouble-sided Banners (Spicer, 2010)	Point (Magnet to Ferromagnetic)	N42	Block, ½" x 3/8" x 1/8"	3,073	6.25	Axial	22	Powder coated	Paint (fig. 6 & 7)	Two systems: 1. Upper corners with tabs: * <b>fabric tabs, artifact, {display fabric, batting ■}</b> 2. Lower corners: [* <b>2 layers of Volara</b> ] <b>artifact, {display fabric, batting ■}</b>	45°
eather (Leald, et al., 2013)	Point (Magnet to magnet to Ferromagnetic)	N42	Discs, 1: ½" x 1/8" 2: ¾" x 1/8"	1: 2,952 2: 2,087	1: 6.44 2: 9.76	Axial	24	Powder-coated	Suede (fig. 9)	Two systems: 1. [* <b>suede</b> ] <b>artifact</b> * { <b>polar fleece ■</b> } 2. [metal disc, <b>suede</b> ] <b>artifact</b> [ <b>suede</b> * <b>suede</b> ] { <b>polar fleece ■</b> }	5° - 45°
anvas (Spicer, 2009)	Large Area Pressure	N42	Disc in a cup ½" x 1/8"			Axial	22	Galvanized	Mat board (fig. 11)	/Mat board, ■ \ <b>artifact</b> , {[* cup] mount}	Vertical
extiles, Quilts, /eavings, otographs (Woods, 012; Spicer, 2013; aisley, 2014)	Large Area Pressure	N42	Disc. ¾" x 1/8" (countersink hole)	2,087	9.76	Axial	22	Powder-coated	Sleeve (fig. 12)	<b>artifact</b> / <b>twill tape</b> : ■ (steel-22), twill tap \ { * }	Vertical
avajo Blankets (Leald, 2012)	Large Area Pressure	N42	Disc ½" x 1/16"	1,601	3.1	Axial	24	Powder-coated	Sleeve (fig. 13)	<b>artifact</b> / <b>twill tape</b> ■ (steel-24) twill tape \ * {Mount ■ (steel-24) <b>Polarfleece</b> }	5° - 45°
hangka (Holbrow & aira, 2011)	Large Area Pressure	N40	Block, 3/8" x 3" x 1/8"	2,436	14.82	Diaxial	26	Galvanized	Mat board (fig. 14)	{ * <b>2-ply board</b> } <b>artifact</b> , { <b>display fabric ■</b> }	Vertical
aper (Holbrow & aira 2011)	Large Area Pressure	N40	Block, ¾" x 3/8" x 1/16"	1,480	3.67	Axial	26	Galvanized	Mat board (fig. 14)	{ * <b>2-ply board</b> }, <b>artifact</b> , { <b>display fabric ■</b> }	Vertical
rtifacts with Cavities (Spicer, et al, 2008)	Large Area Pressure	N42	Disc. 1: ½" x 1/8" 2: ¾" x 1/8"	1: 2,952 2: 2,087	1: 6.44 2: 9	Axial	Fender Washer	Galvanized	Cavity (fig. 15)	/■ <b>display fabric-inside</b> \ <b>artifact</b> , { <b>display fabric</b> * mount}	Horizontal

Details of highlighted magnetic systems with each magnetic component outlined. The order of the layers is represented with a schematic representation.