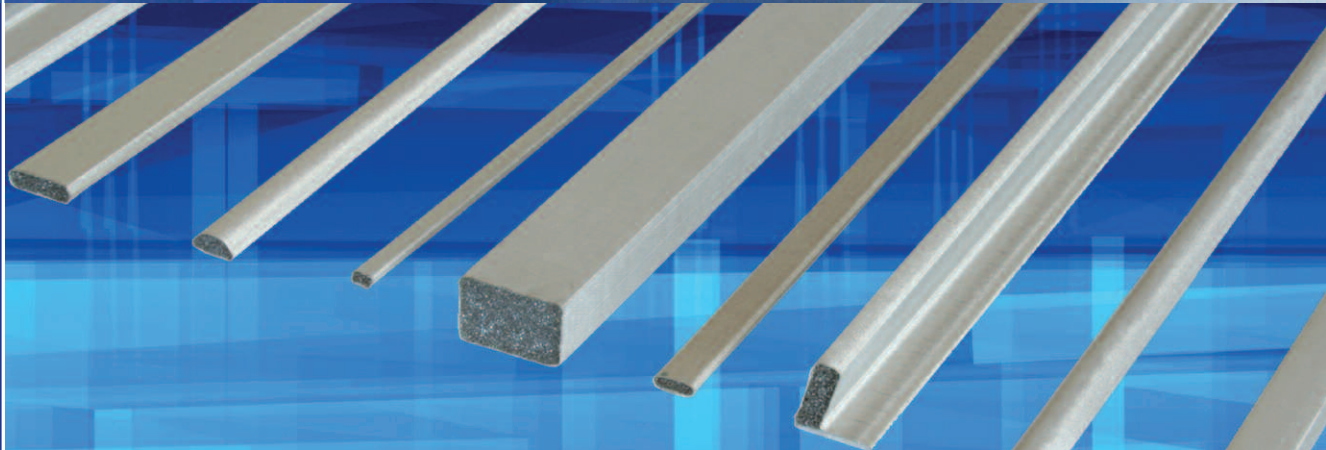


FABRIC OVER FOAM



FABRIC OVER FOAM 1550 RANGE

EMI

DESCRIPTION:

Arka Technologies has a comprehensive range of metal fabric over foam materials. The solution is formed by placing highly flexible nickel over copper plated polyester fabric over an open cell polyurethane foam core. This provides a very economical, non corrosive, highly effective conductive pad. These can be fitted with PSA (pressure sensitive adhesive) strip with liner when required.

Property	Value	Test Method
Abrasion Resistance	>500,000 cycles	ASTM D3886
Contact Resistance	<0.1 Ohm per Inch	ASTM D991
Operating Temperature	-40 to +70C	ASTM D746
Surface Resistivity	<0.5Ω	ASTM D991
Flammability	UL94HB +UL94V0	UL94
Compression Set	<5%	ASTM D3574
Tolerances	+ - 0.5mm + - 0.76	<2.5mm >2.5mm
Shielding Effectiveness	>95dB 30MHz to 10GHz	N/A

D-SUB CONNECTOR GASKET DETAILS

Part No	Figure	Profile	"A"	"B"
1550-10122	Figure 5	9 Pin	19.0	33.35
1550-10124	Figure 5	15 Pin	19.0	41.7
1550-10126	Figure 5	25 Pin	19.0	55.6
1550-10128	Figure 5	37 Pin	19.0	71.9
1550-10130	Figure 5	50 Pin	21.8	69.6

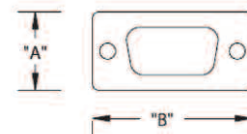


Figure 5: "D-Sub" Connector

FABRIC OVER FOAM

D-TYPE

Part No	Size (WxH) mm	Part No	Size (WxH) mm
ARK023023D	2.3x2.3	ARK100075D	10x7.5
ARK023032D	2.3x3.2	ARK100100D	10x10
ARK026032D	2.6x3.2	ARK100120D	10x12
ARK030020D	3.0x2.0	ARK110135D	11x3.5
ARK030030D	3.0x3.0	ARK110035D	11x4.5
ARK030035D	3.0x3.5	ARK110055D	11x5.5
ARK038015D	3.8x1.5	ARK120010D	12x1.0
ARK038023D	3.8x2.3	ARK120120D	12x12
ARK038030D	3.8x3.0	ARK120140D	12x14
ARK038038D	3.8x3.8	ARK120180D	12x18
ARK040020D	4.0x2.0	ARK127095D	12.7x9.5
ARK040030D	4.0x3.0	ARK130050D	13x5.0
ARK040040D	4.0x4.0	ARK150060D	15x6.0
ARK048032D	4.8x3.2	ARK152055D	15.2x5.5
ARK050020D	5.0x2.0	ARK175120D	17.5x12
ARK050050D	5.0x5.0	ARK180140D	18x14
ARK050100D	5.0x10	ARK180150D	18x15
ARK060020D	6.0x2.0	ARK180200D	18x20
ARK060032D	6.0x3.2	ARK180230D	18x23
ARK060040D	6.0x4.0	ARK200075D	20x7.5
ARK060045D	6.0x4.5	-	-
ARK060050D	6.0x5.0	-	-
ARK060055D	6.0x5.5	-	-
ARK060060D	6.0x6.0	-	-
ARK064036D	6.4x3.6	-	-
ARK065032D	6.5x3.2	-	-
ARK065034D	6.5x3.4	-	-
ARK065050D	6.5x5.0	-	-
ARK065060D	6.5x6.0	-	-
ARK070050D	7.0x5.0	-	-
ARK076048D	7.6x4.8	-	-
ARK080050D	8.0x5.0	-	-
ARK080080D	8.0x8.0	-	-
ARK080100D	8.0x10	-	-
ARK090032D	9.0x3.2	-	-
ARK090060D	9.0x6.0	-	-
ARK09140495D	9.14x4.95	-	-
ARK095032D	9.5x3.2	-	-
ARK095060D	9.5x6.0	-	-
ARK095064D	9.5x6.4	-	-
ARK100020D	10x2.0	-	-
ARK100025D	10x2.5	-	-
ARK100030D	10x3.0	-	-
ARK100035D	10x3.5	-	-
ARK100040D	10x4.0	-	-
ARK100045D	10x4.5	-	-
ARK100050D	10x5.0	-	-
ARK100055D	10x5.5	-	-
ARK100060D	10x6.0	-	-
ARK100070D	10x7.0	-	-

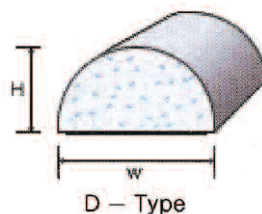
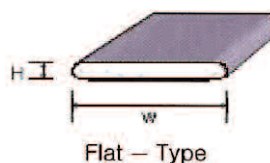


Figure 1: "D" Profile

FABRIC OVER FOAM

FLAT

Part No	Size (WxH) mm	Part No	Size (WxH) mm
ARK020003F	2.0x0.3	ARK080012F	8.0x1.2
ARK020008F	2.0x0.8	ARK080015F	8.0x1.5
ARK020010F	2.0x1.0	ARK085003F	8.5x0.3
ARK020012F	2.0x1.2	ARK088004F	8.8x0.4
ARK020015F	2.0x1.5	ARK090003F	9.0x0.3
ARK025003F	2.5x0.3	ARK090005F	9.0x0.5
ARK025010F	2.5x1.0	ARK090007F	9.0x0.7
ARK030003F	3.0x0.3	ARK090010F	9.0x1.0
ARK030007F	3.0x0.7	ARK090015F	9.0x1.5
ARK030010F	3.0x1.0	ARK090018F	9.0x1.8
ARK030012F	3.0x1.2	ARK095005F	9.5x0.5
ARK030015F	3.0x1.5	ARK100003F	10x0.3
ARK038016F	3.8x1.6	ARK100005F	10x0.5
ARK040003F	4.0x0.3	ARK100008F	10x0.8
ARK040005F	4.0x0.5	ARK100010F	10x1.0
ARK040008F	4.0x0.8	ARK100012F	10x1.2
ARK040009F	4.0x0.9	ARK100015F	10x1.5
ARK040010F	4.0x1.0	ARK100018F	10x1.8
ARK040012F	4.0x1.2	ARK105007F	10.5x0.7
ARK040015F	4.0x1.5	ARK110010F	11x1.0
ARK045010F	4.5x1.0	ARK110020F	11x2.0
ARK050003F	5.0x0.3	ARK120005F	12x0.5
ARK050005F	5.0x0.5	ARK120010F	12x1.0
ARK050008F	5.0x0.8	ARK120015F	12x1.5
ARK050010F	5.0x1.0	ARK130007F	13x0.7
ARK050012F	5.0x1.2	ARK130009F	13x0.9
ARK050013F	5.0x1.3	ARK130010F	13x1.0
ARK050015F	5.0x1.5	ARK130013F	13x1.3
ARK050018F	5.0x1.8	ARK130015F	13x1.5
ARK055007F	5.5x0.7	ARK140015F	14x1.5
ARK060005F	6.0x0.5	ARK150008F	15x0.8
ARK060007F	6.0x0.7	ARK150010F	15x1.0
ARK060010F	6.0x1.0	-	-
ARK060012F	6.0x1.2	-	-
ARK060015F	6.0x1.5	-	-
ARK060018F	6.0x1.8	-	-
ARK065008F	6.5x1.8	-	-
ARK070003F	7.0x0.3	-	-
ARK070005F	7.0x0.5	-	-
ARK070008F	7.0x0.8	-	-
ARK070010F	7.0x1.0	-	-
ARK070012F	7.0x1.2	-	-
ARK070015F	7.0x1.5	-	-
ARK070018F	7.0x1.8	-	-
ARK076010F	7.6x1.0	-	-
ARK076016F	7.6x1.6	-	-
ARK080003F	8.0x0.3	-	-
ARK080005F	8.0x0.5	-	-
ARK080008F	8.0x0.8	-	-
ARK080010F	8.0x1.0	-	-



FABRIC OVER FOAM

R-TYPE RECTANGULAR

Part No	Size (WxH) mm	Part No	Size (WxH) mm
ARK020020R	2.0x2.0	ARK070030R	7.0x3.0
ARK020030R	2.0x3.0	ARK070040R	7.0x4.0
ARK030020R	3.0x2.0	ARK070070R	7.0x7.0
ARK030023R	3.0x2.3	ARK070080R	7.0x8.0
ARK035035R	3.5x3.5	ARK070170R	7.0x17
ARK040020R	4.0x2.0	ARK075050R	7.5x5.0
ARK040022R	4.0x2.2	ARK080020R	8.0x2.0
ARK040030R	4.0x3.0	ARK080025R	8.0x2.5
ARK040040R	4.0x4.0	ARK080030R	8.0x3.0
ARK040045R	4.0x4.5	ARK080035R	8.0x3.5
ARK045020R	4.5x2.0	ARK080040R	8.0x4.0
ARK048032R	4.8x3.2	ARK080050R	8.0x5.0
ARK050020R	5.0x2.0	ARK080060R	8.0x6.0
ARK050025R	5.0x2.0	ARK080080R	8.0x8.0
ARK050030R	5.0x3.0	ARK080100R	8.0x10
ARK050035R	5.0x3.5	ARK080120R	8.0x12
ARK050040R	5.0x4.0	ARK080130R	8.0x13
ARK050045R	5.0x4.5	ARK080150R	8.0x15
ARK050050R	5.0x5.0	ARK085085R	8.5x8.5
ARK050055R	5.0x5.5	ARK090020R	9.0x2.0
ARK050060R	5.0x6.0	ARK090025R	9.0x2.5
ARK050070R	5.0x7.0	ARK090030R	9.0x3.0
ARK054032R	5.4x3.2	ARK090035R	9.0x3.5
ARK054054R	5.4x5.4	ARK090040R	9.0x4.0
ARK055040R	5.5x4.0	ARK090045R	9.0x4.5
ARK055050R	5.5x5.0	ARK090050R	9.0x5.0
ARK055055R	5.5x5.5	ARK090060R	9.0x6.0
ARK058058R	5.8x5.8	ARK095020R	9.5x2.0
ARK060020R	6.0x2.0	ARK095030R	9.5x3.0
ARK060023R	6.0x2.3	ARK095032R	9.5x3.2
ARK060025R	6.0x2.5	ARK095064R	9.5x6.4
ARK060030R	6.0x3.0	ARK095095R	9.5x9.5
ARK060032R	6.0x3.2	ARK100020R	10x2.0
ARK060040R	6.0x4.0	ARK100025R	10x2.5
ARK060050R	6.0x5.0	ARK100030R	10x3.0
ARK060055R	6.0x5.5	ARK100035R	10x3.5
ARK060060R	6.0x6.0	ARK100040R	10x4.0
ARK060070R	6.0x7.0	ARK100045R	10x4.5
ARK060080R	6.0x8.0	ARK100050R	10x5.0
ARK060100R	6.0x10	ARK100055R	10x5.5
ARK064032R	6.4x3.2	ARK100060R	10x6.0
ARK064040R	6.4x4.0	ARK100065R	10x6.5
ARK064048R	6.4x4.8	ARK100070R	10x7.0
ARK064064R	6.4x6.4	ARK100075R	10x7.5
ARK064094R	6.4x9.4	ARK100080R	10x8.0
ARK065040R	6.5x4.0	ARK100085R	10x8.5
ARK065065R	6.5x6.5	ARK100090R	10x9.0
ARK066030R	6.6x3.0	ARK100100R	10x10
ARK067025R	6.7x2.5	ARK100105R	10x10.5
ARK070020R	7.0x2.0	ARK100120R	10x12



R – Type (Rectangular)

FABRIC OVER FOAM

R-TYPE RECTANGULAR - 1

Part No	Size (WxH) mm	Part No	Size (WxH) mm
ARK120025R	12x2.5	ARK160040R	16x4.0
ARK120030R	12x3.0	ARK160100R	16x10
ARK120040R	12x4.0	ARK164032R	16.4x3.2
ARK120050R	12x5.0	ARK170150R	17x15
ARK120060R	12x6.0	ARK170060R	17x6.0
ARK120065R	12x6.5	ARK170080R	17x8.0
ARK120080R	12x8.0	ARK170100R	17x10
ARK120090R	12x9.0	ARK170150R	17x15
ARK120100R	12x10	ARK170170R	17x17
ARK120120R	12x12	ARK170210R	17x21
ARK120127R	12x12.7	ARK170250R	17x25
ARK120140R	12x14	ARK170260R	17x26
ARK122093R	12.2x9.3	ARK180030R	18x3.0
ARK124038R	12.4x3.8	ARK180035R	18x3.5
ARK124094R	12.4x9.4	ARK180100R	18x10
ARK127024R	12.7x2.4	ARK180150R	18x15
ARK127032R	12.7x3.2	ARK190070R	19x7.0
ARK127038R	12.7x3.8	ARK200050R	20x5.0
ARK127064R	12.7x6.4	ARK200060R	20x6.0
ARK127095R	12.7x9.5	ARK200070R	20x7.0
ARK127127R	12.7x12.7	ARK200080R	20x8.0
ARK130020R	13x2.0	ARK200090R	20x9.0
ARK130025R	13x2.5	ARK200100R	20x10
ARK130030R	13x3.0	ARK200120R	20x12
ARK130035R	13x3.5	ARK200140R	20x14
ARK130040R	13x4.0	ARK200160R	20x16
ARK130050R	13x5.0	ARK200200R	20x20
ARK130060R	13x6.0	ARK230100R	23x10
ARK130065R	13x6.5	ARK250100R	25x10
ARK130070R	13x7.0	ARK250120R	25x12
ARK130080R	13x8.0	ARK250250R	25x25
ARK130090R	13x9.0	ARK254095R	25.4x9.5
ARK130100R	13x10	ARK250200R	25x20
ARK130105R	13x10.5	ARK260050R	26x5.0
ARK130110R	13x11	ARK260060R	26x6.0
ARK130120R	13x12	ARK260120R	26x12
ARK130130R	13x13	ARK260170R	26x17
ARK140025R	14x2.5	ARK300040R	30x4.0
ARK140070R	14x7.0	ARK300045R	30x4.5
ARK150020R	15x2.0	ARK300050R	30x5.0
ARK150025R	15x2.5	ARK300060R	30x6.0
ARK150040R	15x4.0	ARK300070R	30x7.0
ARK150050R	15x5.0	ARK300100R	30x10
ARK150060R	15x6.0	ARK300300R	30x30
ARK150075R	15x7.5	ARK330060R	33x6.0
ARK150100R	15x10	ARK400150R	40x15
ARK150120R	15x12	ARK440200R	44x20
ARK150150R	15x15	ARK600080R	60x8.0
ARK158025R	15.8x2.5	-	-
ARK159032R	15.9x3.2	-	-



R – Type (Rectangular)

FABRIC OVER FOAM

WIDE PROFILE (I.O TYPE)








Part No	Size (WxH) mm	Part No	Size (WxH) mm
ARK180020I	18x2.0	ARK400032I	40x3.2
ARK180030I	18x3.0	ARK410015I	41x1.5
ARK180035I	18x3.5	ARK410035I	41x3.5
ARK191010I	19.1x1.0	ARK4128010I	41.28x1.0
ARK191020I	19.1x2.0	ARK430025I	43x2.5
ARK191023I	19.1x2.3	ARK450020I	45x2.0
ARK198010I	19.8x1.0	ARK508015I	50.8x1.5
ARK200003I	20x0.3	ARK508025I	50.8x2.5
ARK200010I	20x1.0	ARK550012I	55x1.2
ARK200015I	20x1.5	ARK550025I	55x2.5
ARK200020I	20x2.0	ARK550030I	55x3.0
ARK200030I	20x3.0	ARK600020I	60x2.0
ARK200035I	20x3.5	ARK650015I	65x1.5
ARK200040I	20x4.0	-	-
ARK210010I	21x1.0	-	-
ARK210020I	21x2.0	-	-
ARK210025I	21x2.5	-	-
ARK210037I	21x3.7	-	-
ARK210040I	21x4.0	-	-
ARK217010I	21.7x1.0	-	-
ARK2184010I	21.84x1.0	-	-
ARK220015I	22x1.5	-	-
ARK220040I	22x4.0	-	-
ARK232018I	23.2x1.8	-	-
ARK236010I	23.6x1.0	-	-
ARK240020I	24x2.0	-	-
ARK250010I	25x1.0	-	-
ARK250020I	25x2.0	-	-
ARK250030I	25x3.0	-	-
ARK260025I	26x2.5	-	-
ARK267010I	26x1.0	-	-
ARK270012I	27x1.2	-	-
ARK270020I	27x2.0	-	-
ARK300008I	30x0.8	-	-
ARK300030I	30x3.0	-	-
ARK300035I	30x3.5	-	-
ARK310010I	31x1.0	-	-
ARK310020I	31x2.0	-	-
ARK310030I	31x3.0	-	-
ARK320010I	32x1.0	-	-
ARK325045I	32.5x4.5	-	-
ARK330008I	33x0.8	-	-
ARK345010I	34.5x1.0	-	-
ARK350020I	35x2.0	-	-
ARK355010I	35.5x1.0	-	-
ARK370015I	37x1.5	-	-
ARK385010I	38.5x1.0	-	-
ARK385025I	38.5x2.5	-	-
ARK400010I	40x1.0	-	-
ARK400020I	40x2.0	-	-



WIDE PROFILE(I.O Type)

FABRIC OVER FOAM

SCULPTED

Type	Part No	Size (WxH) mm	Part No	Size (WxH) mm
 T-Type	ARK040040T	4.0x4.0	-	-
	ARK050020T	5.0x2.0	-	-
 V-Shape	ARK200050V	20x5.0	-	-
	ARK280060V	28x6.0	-	-
 RD-Type	ARK046028RD	4.6x2.8	-	-
 LZ-Type	ARK300080LZ	30x8.0	-	-
 FL-Profile	ARK191064FL	19.1x6.4	-	-
 Aluminium foam	ARK170260AL	17x26	-	-
	ARK300100AL	30x10	-	-
 C-fold profile	ARK075055C	7.5x5.5	ARK147171C	14.7x17.1
	ARK080080C	8.0x8.0	ARK150098C	15x9.8
	ARK080100C	8.0x10	ARK160114C	16x11.4
	ARK100100C	10x10	-	-
	ARK107085C	10.7x8.5	-	-
	ARK107098C	10.7x9.8	-	-
	ARK107100C	10.7x10	-	-
	ARK107118C	10.7x11.8	-	-
 L-fold profile	ARK110110L	11x11	-	-
	ARK140150L	14x15	-	-
	ARK350100L	35x10	-	-
 Knife Edge	ARK113025KE	11.3x2.5	-	-
	ARK125035KE	12.5x3.5	-	-
	ARK127024KE	12.7x2.4	-	-
	ARK127025KE	12.7x2.5	-	-
 P-Type	ARK080020P	8.0x2.0	-	-
	ARK080040P	8.0x4.0	-	-
	ARK132033P	13.2x3.3	-	-
	ARK160045P	16x4.5	-	-
 DD-Type	ARK097028DD	9.7x2.8	-	-
 Round Type	ARK020Round	2.0	-	-
	ARK025Round	2.5	-	-
	ARK032Round	3.2	-	-
	ARK110Round	11.0	-	-

FABRIC OVER FOAM | 1550 RANGE

EMI