



### **Your Complete ESD Packaging Solution**





Check stock and place your orders online: <u>ProtektivePak.com</u>



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IMPREGNATED CORRUGATED



**PLASTEK™** 



**MISCELLANEOUS** 



See our products being Made in America on our web site: ProtektivePak.com/factory





## Yes! We do Customs.

We can create the exact container that you need to store or transport your components, assemblies, or products.

Get a no-charge custom packaging quotation. Just send us:

- A drawing or sample box
- · The quantity you'd like us to quote
- Specify either Protektive Pak corrugated or Plastek™ material

Phone: (909) 627-2578 E-mail: <u>Service@ProtektivePak.com</u>

Visit our web site for featured custom: ProtektivePak.com



# **Limited Warranty**

### WE GUARANTEE YOU WILL BE SATISFIED WITH OUR PRODUCTS.

We make every effort to see to it that our products are of the highest quality and meet all appropriate recognized industry standards. All statements, technical data, and recommendations contained herein are based upon tests we believe to be reliable. However, the accuracy or completeness thereof is not guaranteed. The proper and correct application of products and data is the responsibility of the user. The following is made in lieu of all warranties, expressed or implied:

Protektive Pak's only obligation shall be to replace such quantity of the product proved to be defective. Protektive Pak shall not be liable for any injury, loss, or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, users shall determine the suitability of the product for their intended use, and users assume all risk and liability whatsoever in connection therewith.

No statement or recommendation not contained herein shall have any force or effect unless embodied in a written agreement signed by authorized officers of Desco Industries, Inc.

LIMITED WARRANTY: Protektive Pak expressly warrants that for a period of one (1) year from the date of purchase, products will be free of defects in materials (parts) and workmanship (labor). For complete warranty information, go to: ProtektivePak.com





ProtektivePak.com/factory

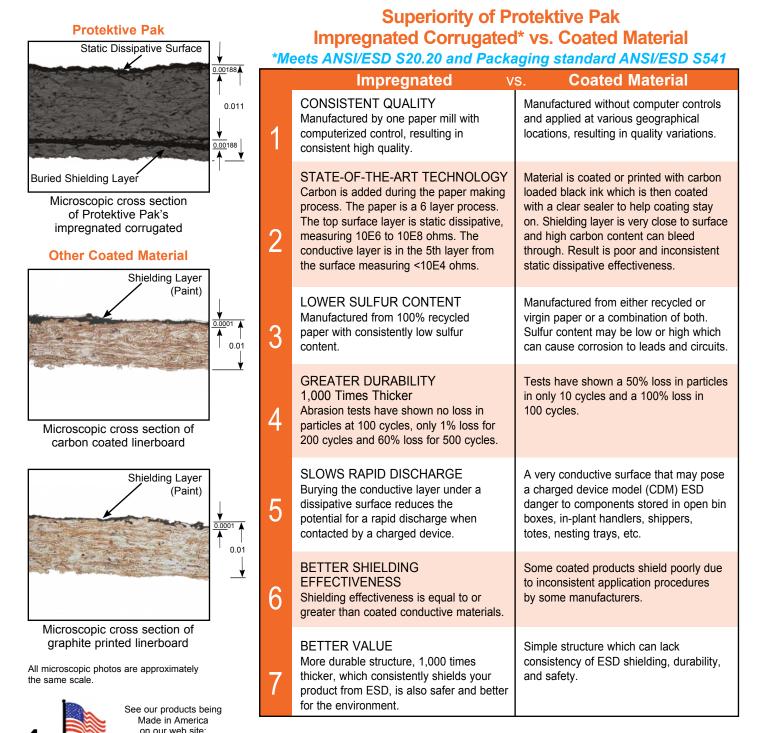
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# Independent ESD Tests Prove Protektive Pak Impregnated Corrugated Material is Superior. Proven...

- Protektive Pak impregnated corrugated material has a buried shielding layer
- Protektive Pak impregnated corrugated material equals or exceeds the discharge shielding capabilities of a coated box
- Protektive Pak impregnated corrugated material has discharge shielding capabilities equal to a metal-out shielding bag
- Protektive Pak Dissipative Corrugated Material meets the ANSI/ESD S541 recommendation, avoiding rapid discharge when contacting ESD sensitive items - conductive boxes DO NOT!

### See Test Report on our homepage at ProtektivePak.com







# In-Plant Handlers



## Find the optimal size In-Plant Handler that you need.

See the Tek-Search on our web site:

### ProtektivePak.com

Just enter the size of your circuit board (length x width x thickness) and you will be provided with a list of the most efficient In-Plant Handlers.

### **IN-PLANT HANDLER FEATURES**

- Meets ANSI/ESD S20.20 and Packaging Standard ANSI/ESD S541
- Provides ESD and physical protection for ESD sensitive circuit boards and components; with lid in place, shielding creates "Faraday Cage" restricting electrostatic charges to exterior
- To ship or store ESD sensitive items outside an ESD protected area (Ref: ANSI/ESD S20.20)
- Impregnated corrugated material; greater durability than coated or printed material
- Constructed with double sides, double (boxes under 6" deep) or triple (boxes over 6" deep) ends, and single (boxes under 6" deep) or double (boxes over 6" deep) thickness bottom for greater durability
- Easy assembly without the need for tape, glue, or staples
- Great container for Kanban
- Made in the United States of America

### Download Drawing 37150

NOTE: Shielding bag not required.

### Features of all Protektive Pak Impregnated Corrugated Material

- Static dissipative surface of 1 x 10<sup>6</sup> to <1 x 10<sup>9</sup> ohms tested per ANSI/ESD STM11.11 - minimizing the potential of rapid discharge or sparking
- Buried shielding layer protects ESDS items, minimizing the potential of sloughing and rub-off contamination
- Made from 100% recycled material, and is 100% recyclable
- No tooling costs
- Reusable, ensuring best value

Per ESD Association "Dissipative Material for Intimate Contact, to avoid rapid discharge to sensitive items, dissipative materials should be used as the layer of packaging that contacts the item." "Static Shielding Property, Electrostatic shielding materials protect packaged sensitive electronic items from the effects of static electricity that are external to the package." (Packaging Standard ANSI/ESD S541)





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## **In-Plant Handlers**

Lid is included for all In-Plant Handlers

Inside Box Dimensions: 17" x 9-7/8" x 2-1/2"							
37509 Series		Cell Si	ze	# of Cells	Reference #		
Part #	Length	Width	Thickness	Per Box	Relefence #		
<u>37233</u>	2-1/2"	2-1/4"	3/4"	60	422-09V07-60		
<u>37229</u>	2-1/2"	2-1/4"	1-3/4"	30	422-04V07-30A		
<u>37232</u>	2-1/2"	4-3/4"	3/4"	30	422-09V04-30		
<u>37228</u>	2-1/2"	4-3/4"	1-3/4"	15	422-04V04-15A		
<u>37231</u>	2-1/2"	7-1/4"	3/4"	20	422-09V03-20		
<u>37227</u>	2-1/2"	7-1/4"	1-3/4"	10	422-04V03-10A		
<u>37230</u>	2-1/2"	14-3/4"	3/4"	10	422-09V02-10		
<u>37226</u>	2-1/2"	14-3/4"	1-3/4"	5	422-04V02-5A		

Available with 37451 bottom foam. Not available with ESD Handles or wire frames.

Inside Box Dimensions: 16-7/8" x 10" x 3-1/2"							
37508 Series		Cell Si	ze	# of Cells	Reference #		
Part #	Length	Width	Thickness	Per Box	Relefence #		
<u>37225</u>	3-1/2"	2-1/4"	3/4"	60	411-09V07-60		
<u>37221</u>	3-1/2"	2-1/4"	1-3/4"	30	411-04V07-30A		
<u>37224</u>	3-1/2"	4-3/4"	3/4"	30	411-09V04-30		
<u>37220</u>	3-1/2"	4-3/4"	1-3/4"	15	411-04V04-15A		
<u>37223</u>	3-1/2"	7-1/4"	3/4"	20	411-09V03-20		
<u>37219</u>	3-1/2"	7-1/4"	1-3/4"	10	411-04V03-10A		
<u>37222</u>	3-1/2"	14-3/4"	3/4"	10	411-09V02-10		
<u>37218</u>	3-1/2"	14-3/4"	1-3/4"	5	411-04V02-5A		

Available with 37451 bottom foam. Not available with ESD Handles or wire frames.

Inside Box Dimensions: 16-7/8" x 10" x 5-3/8"							
37501 Series		Cell Si	ze	# of Cells	Deference #		
Part #	Length	Width	Thickness	Per Box	Reference #		
<u>37165</u>	5-3/8"	2-1/4"	3/4"	60	401-09V07-60		
<u>37161</u>	5-3/8"	2-1/4"	1-3/4"	30	401-04V07-30A		
<u>37164</u>	5-3/8"	4-3/4"	3/4"	30	401-09V04-30		
<u>37160</u>	5-3/8"	4-3/4"	1-3/4"	15	401-04V04-15A		
<u>37163</u>	5-3/8"	7-1/4"	3/4"	20	401-09V03-20		
<u>37159</u>	5-3/8"	7-1/4"	1-3/4"	10	401-04V03-10A		
<u>37162</u>	5-3/8"	14-3/4"	3/4"	10	401-09V02-10		
37158	5-3/8"	14-3/4"	1-3/4"	5	401-04V02-5A		

Available with 37451 bottom foam. Not available with ESD Handles or wire frames.

Inside Box Dimensions: 18-5/8" x 15" x 5-7/8"							
37506 Series	Cell Size			# of Cells	Defense #		
Part #	Length	Width	Thickness	Per Box	Reference #		
<u>37211</u>	5-7/8"	4"	1-1/4"	40	406-09V05-40		
<u>37207</u>	5-7/8"	4"	2-3/4"	20	406-04V05-20A		
<u>37210</u>	5-7/8"	5-3/8"	1-1/4"	30	406-09V04-30		
<u>37206</u>	5-7/8"	5-3/8"	2-3/4"	15	406-04V04-15A		
<u>37203</u> *	5-7/8"	6-1/4"	1-1/4"	24	406-03H11-24		
<u>37202</u> *	5-7/8"	6-1/4"	1-5/8"	20	406-03H09-20		
<u>37201</u> *	5-7/8"	6-1/4"	2-7/8"	12	406-03H05-12A		
<u>37200</u> *	5-7/8"	6-1/4"	3-5/8"	10	406-03H04-10A		
<u>37213</u>	5-7/8"	8-1/8"	1"	24	406-11V03-24		
<u>37209</u>	5-7/8"	8-1/8"	1-1/4"	20	406-09V03-20		
<u>37205</u>	5-7/8"	8-1/8"	2-3/4"	10	406-04V03-10A		
<u>37199</u> *	5-7/8"	12-3/4"	1-1/4"	12	406-02H11-12		
<u>37198</u> *	5-7/8"	12-3/4"	1-5/8"	10	406-02H09-10		
<u>37197</u> *	5-7/8"	12-3/4"	2-7/8"	6	406-02H05-6A		
<u>37196</u> *	5-7/8"	12-3/4"	3-5/8"	5	406-02H04-5A		
<u>37212</u>	5-7/8"	16-5/8"	1"	12	406-011V02-12		
<u>37208</u>	5-7/8"	16-5/8"	1-1/4"	10	406-09V02-10		
<u>37204</u>	5-7/8"	16-5/8"	2-3/4"	5	406-04V02-5A		

Available with 37455 bottom foam, 37450 ESD Handles, and 37459 wire frame.

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See our products being Made in America on our web site: ProtektivePak.com/factory

Inside Box Dimensions: 22-7/8" x 12-7/8" x 6"							
37516 Series		Cell Si	ze	# of Cells	Reference #		
Part #	Length	Width	Thickness	Per Box	Relefence #		
<u>37293</u>	6"	4-3/4"	1"	40	446-09V05-40		
<u>37289</u>	6"	4-3/4"	2-1/4"	20	446-04V05-20A		
<u>37285</u> *	6"	5-3/16"	1-5/8"	24	446-03H11-24		
<u>37284</u> *	6"	5-3/16"	3-5/8"	12	446-03H05-12A		
<u>37292</u>	6"	6-1/2"	1"	30	446-09V04-30		
<u>37288</u>	6"	6-1/2"	2-1/4"	15	446-04V04-15A		
<u>37291</u>	6"	10"	1"	20	446-09V03-20		
<u>37287</u>	6"	10"	2-1/4"	10	446-04V03-10A		
<u>37283</u> *	6"	10-3/4"	1-5/8"	12	446-02H11-12		
37282*	6"	10-3/4"	3-5/8"	6	446-02H05-6A		
<u>37290</u>	6"	20-1/8"	1"	10	446-09V02-10		
<u>37286</u>	6"	20-1/8"	2-1/4"	5	446-04V02-5A		

Available with 37453 bottom foam, 37450 ESD Handles, and 37457 wire frame.

Inside Box Dimensions: 17" x 9-7/8" x 7-1/4"							
37500 Series		Cell Si	ze	# of Cells	Reference #		
Part #	Length	Width	Thickness	Per Box			
<u>37157</u>	7-1/4"	2-1/4"	3/4"	60	400-09V07-60		
<u>37153</u>	7-1/4"	2-1/4"	1-3/4"	30	400-04V07-30A		
<u>37156</u>	7-1/4"	4-3/4"	3/4"	30	400-09V04-30		
<u>37152</u>	7-1/4"	4-3/4"	1-3/4"	15	400-04V04-15A		
<u>37155</u>	7-1/4"	7-1/4"	3/4"	20	400-09V03-20		
<u>37151</u>	7-1/4"	7-1/4"	1-3/4"	10	400-04V03-10A		
<u>37154</u>	7-1/4"	14-3/4"	3/4"	10	400-09V02-10		
<u>37150</u>	7-1/4"	14-3/4"	1-3/4"	5	400-04V02-5A		

Available with 37451 bottom foam and 37450 ESD Handles. Wire frames not available.

\* ESD handles included · These items made to order

All Protektive Pak In-Plant Handlers include:

- Storage container
- Partition set •
- Lid







## **In-Plant Handlers**

Lid is included for all In-Plant Handlers

Inside Box Dimensions: 22-7/8" x 12-7/8" x 8"							
37517 Series		Cell Si	ze	# of Cells	Reference #		
Part #	Length	Width	Thickness	Per Box	Reference #		
<u>37305</u>	8"	4-3/4"	1"	40	448-09V05-40		
<u>37301</u>	8"	4-3/4"	2-1/4"	20	448-04V05-20A		
<u>37297</u> *	8"	5-3/16"	1-5/8"	24	448-03H11-24		
<u>37296</u> *	8"	5-3/16"	3-5/8"	12	448-03H05-12A		
<u>37304</u>	8"	6-1/2"	1"	30	448-09V04-30		
<u>37300</u>	8"	6-1/2"	2-1/4"	15	448-04V04-15A		
<u>37303</u>	8"	10"	1"	20	448-09V03-20		
<u>37299</u>	8"	10"	2-1/4"	10	448-04V03-10A		
<u>37295</u> *	8"	10-3/4"	1-5/8"	12	448-02H11-12		
<u>37294</u> *	8"	10-3/4"	3-5/8"	6	448-02H05-6A		
<u>37302</u>	8"	20-1/8"	1"	10	448-09V02-10		
<u>37298</u>	8"	20-1/8"	2-1/4"	5	448-04V02-5A		

Available with 37453 bottom foam, 37450 ESD Handles, and 37457 wire frame.

Inside Box Dimensions: 18-5/8" x 15" x 8"							
37527 Series	Cell Size			# of Cells	Reference #		
Part #	Length	Width	Thickness	Per Box	Relefence #		
<u>37398</u>	8"	4"	1-1/4"	40	468-09V05-40		
<u>37394</u>	8"	4"	2-3/4"	20	468-04V05-20A		
<u>37397</u>	8"	5-3/8"	1-1/4"	30	468-09V04-30		
<u>37393</u>	8"	5-3/8"	2-3/4"	15	468-04V04-15A		
<u>37390</u> *	8"	6-1/4"	1-1/4"	24	468-03H11-24		
<u>37389</u> *	8"	6-1/4"	1-5/8"	20	468-03H09-20		
<u>37388</u> *	8"	6-1/4"	2-7/8"	12	468-03H05-12A		
<u>37387</u> *	8"	6-1/4"	3-5/8"	10	468-03H04-10A		
<u>37400</u>	8"	8-1/8"	1"	24	468-11V03-24		
<u>37396</u>	8"	8-1/8"	1-1/4"	20	468-09V03-20		
<u>37392</u>	8"	8-1/8"	2-3/4"	10	468-04V03-10A		
<u>37386</u> *	8"	12-3/4"	1-1/4"	12	468-02H11-12		
<u>37385</u> *	8"	12-3/4"	1-5/8"	10	468-02H09-10		
<u>37384</u> *	8"	12-3/4"	2-7/8"	6	468-02H05-6A		
<u>37383</u> *	8"	12-3/4"	3-5/8"	5	468-02H04-5A		
<u>37399</u>	8"	16-5/8"	1"	12	468-11V02-12		
<u>37395</u>	8"	16-5/8"	1-1/4"	10	468-09V02-10		
<u>37391</u>	8"	16-5/8"	2-3/4"	5	468-04V02-5A		

Available with 37455 bottom foam, 37450 ESD Handles, and 37459 wire frame.



Inside Box Dimensions: 17" x 13" x 8-3/4"							
37512 Series		Cell Si	ze	# of Cells	Reference #		
Part #	Length	Width	Thickness	Per Box	Relefence #		
<u>37251</u>	8-3/4"	4-5/8"	1"	30	438-09V04-30		
<u>37248</u>	8-3/4"	4-5/8"	2-3/8"	15	438-04V04-15A		
37250	8-3/4"	7-1/8"	1"	20	438-09V03-20		
<u>37247</u>	8-3/4"	7-1/8"	2-3/8"	10	438-04V03-10A		
<u>37249</u>	8-3/4"	14-5/8"	1"	10	438-09V02-10		
<u>37246</u>	8-3/4"	14-5/8"	2-3/8"	5	438-04V02-5A		
Available with 3	Available with 37452 bottom foam, 37450 ESD Handles, and 37456 wire frame.						

Inside Box Dimensions: 18-5/8" x 15" x 10" 524 Ser Cell Size # of Cells Reference # Part # Per Box Length Width Thickness 37344 10" 4" 1-1/4" 40 460-09V05-40 37340 10" 4" 2-3/4" 20 460-04V05-20A 37343 10" 5-3/8" 1-1/4" 30 460-09V04-30 460-04V04-15A <u>37339</u> 10" 5-3/8" 2-3/4" 15 <u>37336</u>\* 10' 6-1/4" <u>1-1/4</u>" 24 460-03H11-24 6-1/4" <u>37335</u>\* 10" 1-5/8" 20 460-03H09-20 <u>37334</u>\* 10" 6-1/4" 2-7/8" 12 460-03H05-12A 37333 10" 6-1/4" 3-5/8" 10 460-03H04-10A <u>37346</u> 10" 8-1/8" 1" 24 460-11V03-24 <u>37342</u> 10" 1-1/4" 8-1/8" 20 460-09V03-20 2-3/4" 460-04V03-10A 10" 8-1/8" 10 <u>37338</u> <u>37332</u>\* 10" 12-3/4 1-1/4" 12 460-02H11-12 37331\* 10" 12-3/4" 1-5/8" 10 460-02H09-10 37330\* 10" 12-3/4" 2-7/8" 6 460-02H05-6A <u>37329</u>\* 10" 12-3/4" 3-5/8" 5 460-02H04-5A <u>37345</u> 10" 16-5/8" 1" 12 460-11V02-12 10" 16-5/8" 1-1/4" 10 460-09V02-10 <u>37341</u> 2-3/4" <u>37337</u> 10" 16-5/8" 5 460-04V02-5A

Available with 37455 bottom foam, 37450 ESD Handles, and 37459 wire frame.

Inside Box Dimensions: 22-7/8" x 12-7/8" x 10"							
37514 Series		Cell Si	ze	# of Cells	Reference #		
Part #	Length	Width	Thickness	Per Box	Relefence #		
<u>37269</u>	10"	4-3/4"	1"	40	440-09V05-40		
<u>37265</u>	10"	4-3/4"	2-1/4"	20	440-04V05-20A		
<u>37261</u> *	10"	5-3/16"	1-5/8"	24	440-03H11-24		
<u>37260</u> *	10"	5-3/16"	3-5/8"	12	440-03H05-12A		
<u>37268</u>	10"	6-1/2"	1"	30	440-09V04-30		
<u>37264</u>	10"	6-1/2"	2-1/4"	15	440-04V04-15A		
<u>37267</u>	10"	10"	1"	20	440-09V03-20		
<u>37263</u>	10"	10"	2-1/4"	10	440-04V03-10A		
<u>37259</u> *	10"	10-3/4"	1-5/8"	12	440-02H11-12		
<u>37258</u> *	10"	10-3/4"	3-5/8"	6	440-02H05-6A		
<u>37266</u>	10"	20-1/8"	1"	10	440-09V02-10		
<u>37262</u>	10"	20-1/8"	2-1/4"	5	440-04V02-5A		

Available with 37453 bottom foam, 37450 ESD Handles, and 37457 wire frame.

\* ESD handles included

· These items made to order







**PROTEKTIVE PAK BURGED SHIFT DING LAYER**Check stock and place your orders online: <u>ProtektivePak.com</u>



### **In-Plant Handlers**

Lid is included for all In-Plant Handlers

Inside Box Di	imension	s: 18-5/8	<u>" x 15" x 12</u>	"			
37525 Series		Cell Si	Cell Size		Deference #		
Part #	Length	Width	Thickness	Per Box	Reference #		
<u>37362</u>	12"	4"	1-1/4"	40	462-09V05-40		
<u>37358</u>	12"	4"	2-3/4"	20	462-04V05-20A		
<u>37361</u>	12"	5-3/8"	1-1/4"	30	462-09V04-30		
<u>37357</u>	12"	5-3/8"	2-3/4"	15	462-04V04-15A		
<u>37354</u> *	12"	6-1/4"	1-1/4"	24	462-03H11-24		
<u>37353</u> *	12"	6-1/4"	1-5/8"	20	462-03H09-20		
<u>37352</u> *	12"	6-1/4"	2-7/8"	12	462-03H05-12A		
<u>37351</u> *	12"	6-1/4"	3-5/8"	10	462-03H04-10A		
<u>37364</u>	12"	8-1/8"	1"	24	462-11V03-24		
<u>37360</u>	12"	8-1/8"	1-1/4"	20	462-09V03-20		
<u>37356</u>	12"	8-1/8"	2-3/4"	10	462-04V03-10A		
<u>37350</u> *	12"	12-3/4"	1-1/4"	12	462-02H11-12		
<u>37349</u> *	12"	12-3/4"	1-5/8"	10	462-02H09-10		
<u>37348</u> *	12"	12-3/4"	2-7/8"	6	462-02H05-6A		
<u>37347</u> *	12"	12-3/4"	3-5/8"	5	462-02H04-5A		
<u>37363</u>	12"	16-5/8"	1"	12	462-11V02-12		
<u>37359</u>	12"	16-5/8"	1-1/4"	10	462-09V02-10		
<u>37355</u>	12"	16-5/8"	2-3/4"	5	462-04V02-5A		

Available with 37455 bottom foam, 37450 ESD Handles, and 37459 wire frame.

Inside Box Dimensions: 22-7/8" x 12-7/8" x 12-5/8"								
37504 Series		Cell Si	ze	# of Cells	Reference #			
Part #	Length	Width	Thickness	Per Box	Relefence #			
<u>37191</u>	12-5/8"	4-3/4"	1"	40	404-09V05-40			
<u>37187</u>	12-5/8"	4-3/4"	2-1/4"	20	404-04V05-20A			
<u>37183</u> *	12-5/8"	5-3/16"	1-5/8"	24	404-03H11-24			
<u>37182</u> *	12-5/8"	5-3/16"	3-5/8"	12	404-03H05-12A			
<u>37190</u>	12-5/8"	6-1/2"	1"	30	404-09V04-30			
<u>37186</u>	12-5/8"	6-1/2"	2-1/4"	15	404-04V04-15A			
<u>37189</u>	12-5/8"	10"	1"	20	404-09V03-20			
<u>37185</u>	12-5/8"	10"	2-1/4"	10	404-04V03-10A			
<u>37181</u> *	12-5/8"	10-3/4"	1-5/8"	12	404-02H11-12			
<u>37180</u> *	12-5/8"	10-3/4"	3-5/8"	6	404-02H05-6A			
<u>37188</u>	12-5/8"	20-1/8"	1"	10	404-09V02-10			
<u>37184</u>	12-5/8"	20-1/8"	2-1/4"	5	404-04V02-5A			

Available with 37453 bottom foam, 37450 ESD Handles, and 37457 wire frame.

Inside Box Dimensions: 18-5/8" x 15" x 14"							
37526 Series		Cell Si	ze	# of Cells	Reference #		
Part #	Length	Width	Thickness	Per Box	Relefence #		
<u>37380</u>	14"	4"	1-1/4"	40	464-09V05-40		
<u>37376</u>	14"	4"	2-3/4"	20	464-04V05-20A		
<u>37379</u>	14"	5-3/8"	1-1/4"	30	464-09V04-30		
<u>37375</u>	14"	5-3/8"	2-3/4"	15	464-04V04-15A		
<u>37372</u> *	14"	6-1/4"	1-1/4"	24	464-03H11-24		
<u>37371</u> *	14"	6-1/4"	1-5/8"	20	464-03H09-20		
<u>37370</u> *	14"	6-1/4"	2-7/8"	12	464-03H05-12A		
<u>37369</u> *	14"	6-1/4"	3-5/8"	10	464-03H04-10A		
<u>37382</u>	14"	8-1/8"	1"	24	464-11V03-24		
<u>37378</u>	14"	8-1/8"	1-1/4"	20	464-09V03-20		
<u>37374</u>	14"	8-1/8"	2-3/4"	10	464-04V03-10A		
<u>37368</u> *	14"	12-3/4"	1-1/4"	12	464-02H11-12		
<u>37367</u> *	14"	12-3/4"	1-5/8"	10	464-02H09-10		
<u>37366</u> *	14"	12-3/4"	2-7/8"	6	464-02H05-6A		
<u>37365</u> *	14"	12-3/4"	3-5/8"	5	464-02H04-5A		
<u>37381</u>	14"	16-5/8"	1"	12	464-11V02-12		
<u>37373</u>	14"	16-5/8"	2-3/4"	5	464-04V02-5A		
<u>37377</u>	14"	16-5/8"	1-1/4"	10	464-09V02-10		

Available with 37455 bottom foam, 37450 ESD Handles, and 37459 wire frame.

See our products being Made in America on our web site: ProtektivePak.com/factory

Inside Box Dimensions: 22-7/8" x 12-7/8" x 15-1/4"							
37515 Series		Cell Si	ze	# of Cells	Reference #		
Part #	Length	Width	Thickness	Per Box	Relefence #		
<u>37281</u>	15-1/4"	4-3/4"	1"	40	445-09V05-40		
<u>37277</u>	15-1/4"	4-3/4"	2-1/4"	20	445-04V05-20A		
<u>37273</u> *	15-1/4"	5-3/16"	1-5/8"	24	445-03H11-24		
<u>37272</u> *	15-1/4"	5-3/16"	3-5/8"	12	445-03H05-12A		
<u>37280</u>	15-1/4"	6-1/2"	1"	30	445-09V04-30		
<u>37276</u>	15-1/4"	6-1/2"	2-1/4"	15	445-04V04-15A		
<u>37279</u>	15-1/4"	10"	1"	20	445-09V03-20		
<u>37275</u>	15-1/4"	10"	2-1/4"	10	445-04V03-10A		
<u>37271</u> *	15-1/4"	10-3/4"	1-5/8"	12	445-02H11-12		
<u>37270</u> *	15-1/4"	10-3/4"	3-5/8"	6	445-02H05-6A		
<u>37278</u>	15-1/4"	20-1/8"	1"	10	445-09V02-10		
<u>37274</u>	15-1/4"	20-1/8"	2-1/4"	5	445-04V02-5A		

Available with 37453 bottom foam, 37450 ESD Handles, and 37457 wire frame.

Inside Box Dimensions: 18-3/8" x 12-3/8" x 18-3/4"							
37505 Series	Cell Size			# of Cells	Reference #		
Part #	Length	Width	Thickness	Per Box	Relefence #		
<u>37192</u>	18-3/4"	16-1/4"	2-1/4"	5	405-04V02-5A		

Available with 37454 bottom foam, 37450 ESD Handles, and 37458 wire frame.

\* ESD handles included

These items made to order







# In-Plant Handlers Accessories

### Steel wire perimeter reinforcing frame for extra strength and durability



Item	Description	Size
<u>37458</u>	Wire Frame, 45	3/16" x 12-1/2" x 18-11/16"
<u>37457</u>	Wire Frame, 44	3/16" x 12-3/4" x 23-1/8"
<u>37456</u>	Wire Frame, 43	3/16" x 13-1/4" x 17-1/4"
<u>37459</u>	Wire Frame, 46	1/4" x 15-1/4" x 18-15/16"

### **Conductive Plastic Handles**



Item	Description	Size
<u>37450</u>	ESD Handles, set of 2	1" x 4"

# Permanently static dissipative crosslink bottom foam for cushioning



Item	Description	Size
<u>37451</u>	Bottom Foam, 42	1/4" x 9-3/4" x 16-3/4"
<u>37453</u>	Bottom Foam, 44	1/4" x 12-1/4" x 22-5/8"
<u>37454</u>	Bottom Foam, 45	1/4" x 12-1/2" x 18-1/2"
<u>37452</u>	Bottom Foam, 43	1/4" x 12-5/8" x 16-5/8"
<u>37455</u>	Bottom Foam, 46	1/4" x 14-3/4" x 18-3/8"

### **Dissipative Document Holder**



Item	Description	Size
<u>47515</u>	Dissipative Doc. Holder	1-1/2" x 4-1/2"
<u>47516</u>	Dissipative Doc. Holder	6-3/8" x 8-5/8"
<u>47517</u>	Dissipative Doc. Holder	4-1/2" x 6-1/2"
<u>47518</u>	Dissipative Doc. Holder	4" x 2"
<u>47519</u>	Dissipative Doc. Holder	4" x 5"





# Adjustable In-Plant Handlers

### **FEATURES**

- Meets ANSI/ESD S20.20 and Packaging Standard ANSI/ESD S541
- Overall 4" box size: 21-7/8' x 18-7/8" x 4-1/4" Overall 8" box size: 22" x 18 - 7/8" x 8"
- Maximum adjustability. Up to 30 combinations using the same storage container, lid, and partitions
- Provides ESD and physical protection for ESD sensitive circuit boards and components; with lid in place, shielding creates "Faraday Cage" restricting electrostatic charges to exterior to ship or store ESD sensitive items outside an ESD protected area (Ref: ANSI/ESD S541)
- Impregnated corrugated material; greater durability than coated or printed material details on page 4
- Great container for Kanban
- Static dissipative surface of 1 x 10<sup>6</sup> to < 1 x 10<sup>9</sup> ohms
- · Made in the United States of America

NOTE: Lid is included for all Inplant Handlers





Part #	Cell Size - L x W x T	# of Cells	Part #	Cell Size - L x W x T	# of Cells	Part #	Cell Size - L x W x T	# of Cells	Part #	Cell Size - L x W x T	# of Cells
<u>38700</u>	4" x 1-3/4" x 1"	150	<u>38715</u>	4" x 11-3/4" x 1"	15	<u>38801</u>	8" x 1-3/4" x 1"	150	<u>38816</u>	8" x 11-3/4" x 1"	15
38701	4" x 1-3/4" x 2-1/4"	70	<u>38716</u>	4" x 11-3/4" x 2-1/4"	7	<u>38802</u>	8" x 1-3/4" x 2-1/4"	70	<u>38817</u>	8" x 11-3/4" x 2-1/4"	7
<u>38702</u>	4" x 1-3/4" x 3-1/2"	50	<u>38717</u>	4" x 11-3/4" x 3-1/2"	5	38803	8" x 1-3/4" x 3-1/2"	50	<u>38818</u>	8" x 11-3/4" x 3-1/2"	5
<u>38703</u>	4" x 3-3/4" x 1"	75	<u>38718</u>	4" x 13-3/4" x 1"	15	<u>38804</u>	8" x 3-3/4" x 1"			8" x 13-3/4" x 1"	15
<u>38704</u>	4" x 3-3/4" x 2-1/4"	35	<u>38719</u>	4" x 13-3/4" x 2-1/4"	7	<u>38805</u>	8" x 3-3/4" x 2-1/4"	35	<u>38820</u>	8" x 13-3/4" x 2-1/4"	7
<u>38705</u>	4" x 3-3/4" x 3-1/2"	25	<u>38720</u>	4" x 13-3/4" x 3-1/2"	5	<u>38806</u>	8" x 3-3/4" x 3-1/2"			8" x 13-3/4" x 3-1/2"	5
<u>38706</u>	4" x 5-3/4" x 1"	45	<u>38721</u>	4" x 15-3/4" x 1"	15	<u>38807</u>	8" x 5-3/4" x 1"		_	8" x 15-3/4" x 1"	15
<u>38707</u>	4" x 5-3/4" x 2-1/4"	21	<u>38722</u>	4" x 15-3/4" x 2-1/4"	7	<u>38808</u>	8" x 5-3/4" x 2-1/4"	21	<u>38823</u>	8" x 15-3/4" x 2-1/4"	7
<u>38708</u>	4" x 5-3/4" x 3-1/2"	15	<u>38723</u>	4" x 15-3/4" x 3-1/2"	5	<u>38809</u>	8" x 5-3/4" x 3-1/2"	15		8" x 15-3/4" x 3-1/2"	5
<u>38709</u>	4" x 7-3/4" x 1"	30	<u>38724</u>	4" x 17-3/4" x 1"	15	<u>38810</u>	8" x 7-3/4" x 1"	30	<u>38825</u>	8" x 17-3/4" x 1"	15
<u>38710</u>	4" x 7-3/4" x 2-1/4"	14	<u>38725</u>	4" x 17-3/4" x 2-1/4"	7	<u>38811</u>	8" x 7-3/4" x 2-1/4"	14	<u>38826</u>	8" x 17-3/4" x 2-1/4"	7
<u>38711</u>	4" x 7-3/4" x 3-1/2"	10	<u>38726</u>	4" x 17-3/4" x 3-1/2"	5	<u>38812</u>	8" x 7-3/4" x 3-1/2"	10	<u>38827</u>	8" x 17-3/4" x 3-1/2"	5
<u>38712</u>	4" x 9-3/4" x 1"	30	<u>38727</u>	4" x 19-3/4" x 1"	15	<u>38813</u>	8" x 9-3/4" x 1"	30	<u>38828</u>	8" x 19-3/4" x 1"	15
<u>38713</u>	4" x 9-3/4" x 2-1/4"	14	<u>38728</u>	4" x 19-3/4" x 2-1/4"	7	<u>38814</u>	8" x 9-3/4" x 2-1/4"	14	<u>38829</u>	8" x 19-3/4" x 2-1/4"	7
<u>38714</u>	4" x 9-3/4" x 3-1/2"	10	<u>38729</u>	4" x 19-3/4" x 3-1/2"	5	38815	8" x 9-3/4" x 3-1/2"	10	<u>38830</u>	8" x 19-3/4" x 3-1/2"	5

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- Order can be shipped Prepay & Add or Collect
- · Order using real-time pricing and availability on any item any time
- · Check order status online and access your order history and invoices

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Meets ANSI/ESD S20.20 and Packaging Standard ANSI/ESD S541

## **Storage Containers**

	Part #	REF#	Box Size - L x W x D*	Handles <sup>†</sup>	Lid <sup>†</sup>	Wire⁺	
ird	<u>37508</u>	411-BX	16-7/8" x 10" x 3-1/2"	N/A	37550	N/A	
	<u>37501</u>	401-BX	16-7/8" x 10" x 5-3/8"	N/A	37550	N/A	
	<u>37509</u>	422-BX	17" x 9-7/8" x 2-1/2"	N/A	37550	N/A	
ts;	<u>37500</u>	400-BX	17" x 9-7/8" x 7-1/4"	37450	37550	N/A	
e"	<u>37512</u>	438-BX	17" x 13" x 8-3/4"	37450	37551	37456	
р	<u>37520</u> •	456-BX	18-3/8" x 12-3/8" x 6-3/4"	37450	37553	37458	
	<u>37505</u>	405-BX	18-1/2" x 12-3/8" x 18-3/4"	37450	37553	37458	
th	<u>37506</u>	406-BX	18-5/8" x 15" x 5-7/8"	37450	37554	37459	
	<u>37527</u>	468-BX	18-5/8" x 15" x 8"	37450	37554	37459	
3	<u>37524</u>	460-BX	18-5/8" x 15" x 10"	37450	37554	37459	
-	<u>37525</u>	462-BX	18-5/8" x 15" x 12"	37450	37554	37459	
	<u>37526</u>	464-BX	18-5/8" x 15" x 14"	37450	37554	37459	
	<u>37530</u>		21-7/8" x 18-7/8" x 4-1/4"		37557		
-	<u>37532</u>		22" X 18-7/8" X 8"		37557		
e er	<u>37516</u>	446-BX	22-7/8" x 12-7/8" x 6"	37450	37552	37457	
51	<u>37517</u>	448-BX	22-7/8" x 12-7/8" x 8"	37450	37552	37457	

440-BX 22-7/8" x 12-7/8" x 10"

404-BX 22-7/8" x 12-7/8" x 12-5/8"

445-BX 22-7/8" x 12-7/8" x 15-1/4"

\* Inside Dimension

<sup>†</sup> Sold Separately

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37504

37515

These items made to order

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W

Meets ANSI/ESD S20.20 and Packaging Standar ANSI/ESD S541

PROTEKTIVE PAK

BURIED SHIELDING LAYER

- Available with optional lid; provides ESD and physical protection for ESD sensitive components with lid in place, shielding creates "Faraday Cage restricting electrostatic charges to exterior to ship or store ESD sensitive items outside an ESD protected area (Ref: ANSI/ESD S541)
- Steel reinforcing wire frame for additional strength and durability, ESD handles, and permanently static dissipative bottom foam pad for cushioning
- Impregnated corrugated material; greater durability than coated or printed material
- Constructed with double sides, double (boxes under 6" deep) or triple (boxes over 6" deep) ends, and single (boxes under 6" deep) or double (boxes over 6" deep) thickness bottom for greater durability
- Static dissipative surface of 1 x  $10^6$  to < 1 x  $10^9$ ohms - minimizing the potential of rapid discharge or sparking
- Buried shielding layer, minimizing the potential of sloughing and rub-off contamination
- Made from 100% recycled material, and is 100% recyclable
- No tooling costs; easy assembly without the need for tape, glue, or staples
- Reusable, ensuring low cost
- Made in the United States of America

Download Drawing 37500

See page 9 for accessories.







37450

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Foam<sup>†</sup> 37451

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Check stock and place your orders online: ProtektivePak.com



# **Small Component Shippers**

#### FEATURES

- Meets ANSI/ESD S20.20 and Packaging Standard ANSI/ESD S541
- Efficient means of shipping small ESD sensitive items
- Provides ESD shielding with lid closed; "Faraday Cage" effect restricts electrostatic charges to exterior of box
- For physical protection; foam cushioning reduces stress from physical shock Pink static dissipative foam (1/2" thick) laminated to top, and conductive crosslink
- black polyethylene foam (1/4" thick) in bottom (other foam options available) Conductive crosslink black polyethylene cushion grade foam (3/8" thick,
- Rv < 10<sup>4</sup> ohms) laminated to top, and conductive crosslink black polyethylene pin insertion grade foam (1/4" thick,  $Rv < 10^4$  ohms) in bottom (All dimensions are ± 1/16")
- All Protektive Pak corrugated features as shown on page 4 Made in America

Part #	Size I.D L x W x D
<u>39508</u>	2-1/2" x 1-1/4" x 1"
<u>39536</u>	3-7/16" x 2-1/8" x 1"
<u>39542</u>	3-3/4" x 3-3/4" x 1"
<u>39550</u>	7" x 3-1/2" x 1"
These items: black foam top and black foam bottom	

Download Drawing 39508 and 37000

Part #	Size I.D L x W x D
<u>37000</u>	2-1/2" x 1-1/4" x 1"
<u>37008</u>	2-3/4" x 2-3/4" x 1"
<u>37001</u>	3-1/2" x 1-1/4" x 1"
<u>37003</u>	3-7/16" x 2-1/8" x 1"
<u>37004</u>	3-3/4" x 3-3/4" x 1"
<u>37006</u>	4-1/8" x 3-1/16" x 1"
These items: pink foam top and black foam bottom	

Part #	Size I.D L x W x D
<u>37009</u>	4-3/8" x 4-3/8" x 1"
<u>37002</u>	4-1/2" x 1-1/4" x 1"
<u>37010</u> •	4-1/2" x 3-3/4" x 1"
<u>37007</u>	5-1/4" x 1-1/4" x 1"
<u>37005</u>	7" x 3-1/2" x 1"
<u>37011</u> •	12-7/8" x 4" x 1"
These items: pink foam top and black foam bottom	



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These items made to order

# **Circuit Board Shippers**

### **FEATURES**

- Meets ANSI/ESD S20.20 and Packaging Standard ANSI/ESD S541
- Efficient means of shipping ESD sensitive circuit boards and other items

37072

37073

- For physical protection, convoluted foam secures items, minimizing movement and reduces stress from physical shock
- Choice of static dissipative polyurethane PINK foam or low density conductive convoluted BLACK foam
- All Protektive Pak corrugated features as shown on page 4
- Made in the United States of America

#### Download Drawing 37033 and 37050

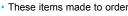
Part #	Size I.D L x W x D
<u>37033</u>	7" x 5" x 1-1/2", w/black foam
<u>37034</u>	7" x 5" x 2-1/2", w/black foam
<u>37035</u>	10-1/2" x 8-1/2" x 1-1/2", w/black foam
<u>37036</u>	10-1/2" x 8-1/2" x 2-1/2", w/black foam
<u>37037</u>	12-1/2" x 10-1/2" x 2-1/2", w/black foam

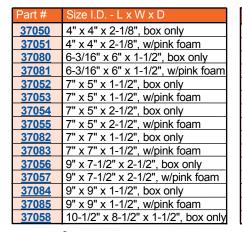
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Part #	Size I.D L x W x D	_
<u>37059</u>	10-1/2" x 8-1/2" x 1-1/2", w/pink foam	Pa
<u>37060</u>	10-1/2" x 8-1/2" x 2-1/2", box only	3
<u>37061</u>	10-1/2" x 8-1/2" x 2-1/2", w/pink foam	3
<u>37062</u>	12-1/2" x 10-1/2" x 1-1/2", box only	<u>3</u> <u>3</u> <u>3</u>
<u>37063</u>	12-1/2" x 10-1/2" x 1-1/2", w/pink foam	
<u>37064</u>	12-1/2" x 10-1/2" x 2-1/2", box only	3
<u>37065</u>	12-1/2" x 10-1/2" x 2-1/2", w/pink foam	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
<u>37066</u>	14-7/8" x 6-5/8" x 2", box only	3
<u>37067</u>	14-7/8" x 6-5/8" x 2", w/pink foam	3
<u>37068</u>	15-1/2" x 12-1/2" x 1-1/2", box only	3
<u>37069</u>	15-1/2" x 12-1/2" x 1-1/2", w/pink foam	3
<u>37070</u>	15-1/2" x 12-1/2" x 2-1/2", box only	<u>3</u> 3
<u>37071</u>	15-1/2" x 12-1/2" x 2-1/2", w/pink foam	<u>3</u>
0 - 0 - 0		

16" x 12-1/4" x 3-1/2", box only

16" x 12-1/4" x 3-1/2", w/pink foam

Part #	Size I.D L x W x D
<u>37086</u>	16" x 15" x 3", box only
<u>37087</u>	16" x 15" x 3", w/pink foam
<u>37074</u> •	18-7/8" x 17-5/8" x 1-3/4", box only
<u>37075</u> •	18-7/8" x 17-5/8" x 1-3/4", w/pink foam
<u>37088</u> •	19" x 19" x 3", box only
<u>37089</u> •	19" x 19" x 3", w/pink foam
<u>37076</u> •	20-1/2" x 15-1/2" x 1-1/2", box only
<u>37077</u> •	20-1/2" x 15-1/2" x 1-1/2", w/pink foam
<u>37078</u>	20-1/2" x 15-1/2" x 2-1/2", box only
<u>37079</u>	20-1/2" x 15-1/2" x 2-1/2", w/pink foam
<u>37090</u> •	22" x 15" x 3", box only
<u>37091</u> •	22" x 15" x 3", w/pink foam
<u>37092</u> •	27-3/8" x 24-3/8" x 4", box only
<u>37093</u> •	27-3/8" x 24-3/8" x 4", w/pink foam







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# Impregnated **Corrugated Trays**

### **Superior Material** Handling of Unsoldered **Populated Boards**

Replace wooden and on-edge circuit board racks; superior for transporting boards to wave solder machine:

- Meets ANSI/ESD S20.20 and Packaging Standard ANSI/ESD S541
- Permanently static dissipative foam (shuntable) laminated to our impregnated corrugated material
- Horizontally store and transport populated but unsoldered circuit boards, not susceptible to knocking over boards
- Get better ESD protection, insert leads into permanently static dissipative shuntable foam, achieve equipotential between leads
- As recommended by ESD Association, Packaging materials that are in intimate contact with devices should be dissipative.
- All Protektive Pak impregnated corrugated features as shown on page 4

# **Super Tek-Trays**



Yellow Wire Corner

### EATURES

- Trays stack together, improving productivity and saving valuable space
- Yellow stacking wire is easy to see and helps provide visual identification
- Used to transport or store ESD sensitive items
- Made in the United States of America

#### Download Drawing 37760

Part #	Size I.D L x W x D
<u>37760</u>	18" x 11-3/8" x 1-3/4", with yellow wire corners
<u>37761</u>	22-3/4" x 17-1/2" x 2-1/2", with yellow wire corners
<u>37762</u>	18" x 11-3/8" x 1-3/4", with plastic corners
<u>37763</u>	22-3/4" x 17-1/2" x 2-1/2", with plastic corners

## **Board Handler Trays**



#### FEATURES

- Basic Protektive Pak tray
- Great container for Kanban
- Made in the United States America

Download Drawing 37650

Part #	Size I.D L x W x D
<u>37650</u>	17-3/4" x 10-3/4" x 2-1/8"
<u>37651</u>	17-7/8" x 13-5/8" x 2-1/8"
<u>37653</u>	19-1/4" x 13-1/8" x 2-1/8"
<u>37654</u>	19-3/8" x 15-3/4" x 2-1/8"
<u>37652</u>	23-1/2" x 13-3/8" x 2-1/8"

# **Tek-Trays**



### **FEATURES**

- Travs that can stack and nest together for improved use of space
- Great container for Kanban
- · Made in the United States of America

Download Drawing 37750

Part #	Size I.D L x W x D
<u>37750</u>	18" x 11-3/8" x 1-3/4"
<u>37751</u>	22-7/8" x 17-1/4" x 2-3/4"







### Check stock and place your orders online: <u>ProtektivePak.com</u>



# **Mini Tek-Tray**

### **FEATURES**

- Compact trays stack and nest together, improving productivity and saving valuable space
- · Used to transport or store ESD sensitive items
- Static dissipative foam (Rs 1 x 10<sup>6</sup> to < 1 x 10<sup>8</sup> ohms) laminated to bottom
- Made in the United States of America

PROTEKTIVE PAR	
- And	

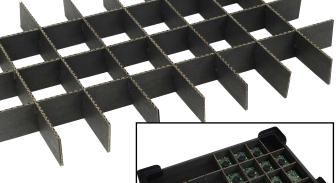
Part #	Size I.D L x W x D
<u>37752</u>	12" x 8-5/8" x 1-3/4"

# **Tek-Tray Partition Set**

#### **F**EATURES

- · Partitions are adjustable for different size parts
- Impregnated corrugated material; greater durability than coated or printed material
- Static dissipative surface of  $1 \times 10^6$  to  $< 1 \times 10^9$  ohms
- Made from 100% recycled material, and is 100% recyclable
- Reusable, ensuring best value
- · Made in the United States of America

Part #	Description
<u>37764</u>	Partition set for 37750, 37760, 37762
<u>37765</u>	Partition set for 37751, 37761, 37763





# **Tek-Tray Drop-In Lid**

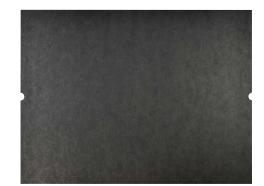
### **FEATURES**

- Finger notches in lid for easy lifting
- Constructed of impregnated corrugated material for greater durability
- Static dissipative surface of 1 x 10<sup>6</sup> to < 1 x 10<sup>9</sup> ohms
- Buried shielding layer minimizes the potential of sloughing and abrasion contamination
- Made from 100% recycled material, and is 100% recyclable
- Made in the United States of America

	Description
	Lid for 37750
<u>37767</u>	Lid for 37760 & 37762
<u>37768</u>	Lid for 37751
<u>37769</u>	Lid for 37761 & 37763



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# **Tek-Mate<sup>™</sup> Board Handlers**

#### **F**EATURES

- Meets ANSI/ESD S20.20 and Worksurface Standard ANSI/ESD S4.1
- Portable ESD worksurface that can also be used to transport populated, unsoldered circuit boards
- Static dissipative foam (Rtt 1 x 10<sup>6</sup> to 1 x 10<sup>9</sup> ohms) laminated to Protektive Pak<sup>®</sup> impregnated corrugated material for greater durability
- Foam is shuntable, component leads can be kept at equipotential and are more stable when moved
- Includes 10mm (3/8") grounding snap
- Made in the United States of America

#### Download Drawing 37800

Part #	Size - L x W	Snap
<u>37800</u>	12" x 18"	Male
<u>39852</u>	12" x 18"	Female
<u>37801</u>	18" x 24"	Male
<u>39854</u>	18" x 24"	Female



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# **Pro Mats**™

#### **FEATURES**

- Meets ANSI/ESD S20.20 and Worksurface Standard ANSI/ ESD S4.1
- Economical ESD worksurface
- · Antistatic, low charging dissipative surface
- Includes two 10 mm (3/8") male or female grounding snaps
- · Chemical resistant
- Great choice for shelves and transportation carts
- · Impregnated corrugated material; greater durability
- Static dissipative surface of  $1 \times 10^6$  to  $< 1 \times 10^9$  ohms
- Made in the United States of America

#### Download Drawing 37670

Part #	Size I.D L x W x Th	Snap
<u>37670</u>	11-3/4" x 35-1/2" x 1/16"	Male
<u>39780</u>	11-3/4" x 35-1/2" x 1/16"	Female
<u>37671</u>	11-3/4" x 47-1/2" x 1/16"	Male
<u>39784</u>	11-3/4" x 47-1/2" x 1/16"	Female
<u>37672</u>	11-3/4" x 59-1/2" x 1/16"	Male
<u>39787</u>	11-3/4" x 59-1/2" x 1/16"	Female
<u>37673</u>	17-1/2" x 35-1/2" x 1/16"	Male
<u>39792</u>	17-1/2" x 35-1/2" x 1/16"	Female
<u>37676</u>	23-1/2" x 35-1/2" x 1/16"	Male
<u>39858</u>	23-1/2" x 35-1/2" x 1/16"	Female
<u>37674</u>	23-1/2" x 47-1/2" x 1/16"	Male
<u>39796</u>	23-1/2" x 47-1/2" x 1/16"	Female
<u>37675</u>	23-1/2" x 59-1/2" x 1/16"	Male
<u>39800</u>	23-1/2" x 59-1/2" x 1/16"	Female

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**PROTEKTIVE PAK BURGED SHIELDING LAVER**Check stock and place your orders online: <u>ProtektivePak.com</u>



# pen Bin Boxes

### **FEATURES**

- Meets ANSI/ESD S20.20 and Packaging Standard ANSI/ESD S541
- Economical method of storing static sensitive electronic devices •
- Wide choice of sizes •
- · Shipped knocked-down; easy to assemble
- All Protektive Pak corrugated features as shown on page 6 · Made in the United States of America

#### Download Drawing 37100

Part #	Size O.D L x W x D
<u>37100</u> •	5-3/4" x 3-3/4" x 2-11/16"
<u>37101</u>	9" x 4" x 4-1/2"
<u>37102</u>	12" x 2" x 4-1/2"
<u>37103</u> •	12" x 4" x 4-1/2"
<u>37104</u>	12" x 6" x 4-1/2"
<u>37105</u>	12" x 8" x 4-1/2"
<u>37106</u>	12" x 12" x 4-1/2"
<u>37115</u>	18" x 2" x 4-1/2"
<u>37107</u> •	18" x 4" x 4-1/2"
<u>37108</u>	18" x 6" x 4-1/2"
<u>37109</u>	18" x 8" x 4-1/2"
<u>37110</u>	18" x 12" x 4-1/2"
<u>37117</u>	24" x 12" x 6-3/8"
<u>37116</u>	24-3/4" x 2-1/4" x 4-1/2"
<u>37111</u> •	24-3/4" x 4-1/4" x 4-1/2"
<u>37112</u>	24-3/4" x 6-1/4" x 4-1/2"
<u>37113</u>	24-3/4" x 8-1/4" x 4-1/2"
<u>37114</u>	24-3/4" x 12" x 4-1/2"

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· 37100 is a sub-bin designed to create smaller bin space with part numbers 37103, 37107, and 37111

# **Closed Bin Boxes**

### **FEATURES**

- Meets ANSI/ESD S20.20 and Packaging Standard ANSI/ESD S541
- · Economical method of storing static sensitive electronic devices
- Wide choice of sizes
- When reclosable cover is closed, the "Faraday Cage" effect restricts electrostatic charges to exterior of box
- · Shipped knocked-down; easy to assemble
- · Made in the United States of America

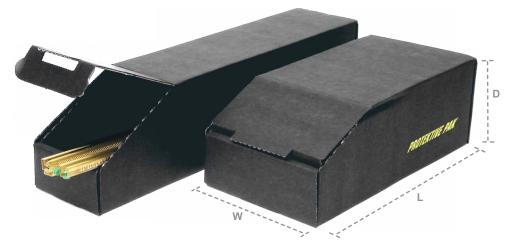
Download Drawing 37590

Part #	Size O.D L x W x D
<u>37590</u>	12" x 4" x 4-1/2"
<u>37591</u>	12" x 6" x 4-1/2"
<u>37599</u> •	12" x 8" x 4-1/2"
<u>37592</u>	12" x 12" x 4-1/2"
<u>37593</u>	18" x 4" x 4-1/2"
<u>37594</u>	18" x 6" x 4-1/2"
<u>37598</u>	24-3/4" x 2" x 4-1/2"
<u>37595</u>	24-3/4" x 4" x 4-1/2"
<u>37596</u>	24-3/4" x 6" x 4-1/2"
<u>37597</u>	24-3/4" x 8" x 4-1/2"

· This item is made to order



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# **Reel/Dip Tube Bin Boxes**

### **FEATURES**

- Meets ANSI/ESD S20.20 and Packaging Standard ANSI/ESD S541
- · Designed to safely store both reels and Rail/DIP tubes in the same bin box
- Available in open style with better loading from above
- Available in closed style with better loading from front
- · May be used for storing, kitting, or transporting during work-in-process operations
- Shipped knocked-down; easy to assemble
- All Protektive Pak corrugated features as shown on page 6
- Made in the United States of America

#### Download Drawing 37130

Part #	Size O.D L x W x D
<u>37130</u>	Open: 18" x 2" x 9"
<u>37132</u>	Open: 18" x 4" x 9"
<u>37134</u>	Open: 18" x 6" x 9"
<u>37131</u>	Open: 24" x 2" x 9"
<u>37133</u>	Open: 24" x 4" x 9"
<u>37135</u>	Open: 24" x 6" x 9"

Part #	Size O.D L x W x D
<u>37610</u>	Closed: 24-3/8" x 2-11/16" x 15-1/4"
<u>37611</u>	Closed: 24-3/8" x 4-11/16" x 15-1/4"



# **Reel Storage Containers**

#### **FEATURES**

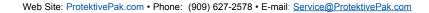
- Meets ANSI/ESD S20.20 and Packaging Standard ANSI/ESD S541
- · Economical method of storing reels
- · Containers 37560 37562 include conductive plastic handles and removable lids
- Containers 37563- 37567 include identification labels
- · Constructed with double side partitions for greater durability
- · Conductive plastic indexing ribs prevent the reels from rolling around when stored
- All Protektive Pak corrugated features as shown on page 6
  Made in the United States of America

### Download Drawing 37561

Part #	Size O.D L x W x D
	12" x 7-1/4" x 7-1/4", 7" Reel, includes lid and handles
<u>37560</u>	13-1/2" x 12" x 13-1/4", 13" Reel, includes lid and handles
<u>37562</u>	20" x 7-1/4" x 7-1/4", 7" Reel, includes lid and handles

Part #	Size O.D L x W x D
<u>37566</u>	5-3/4" x 8-1/4" x 7-1/4", Reel 7", 5 Slots
<u>37567</u>	5-3/4" x 13-11/16" x 13-1/4", Reel 13", 15 Slots
<u>37563</u>	17-1/2" x 8-1/4" x 7-1/4", Reel 7", 15 Slots
<u>37564</u>	17-1/2" x 13-11/16" x 13-1/4", Reel 13", 15 Slots
<u>37565</u>	17-1/2" x 15-5/8" x 15-1/4", Reel 15", 15 Slots











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NEW

# **Universal Organizers**

### **F**EATURES

- Meets ANSI/ESD S20.20 and Packaging Standard ANSI/ESD S541
- Increases productivity by organizing and standardizing bottle and tool placement at the workstation
- Aesthetically improves the appearance of the work area
- Includes openings for bottles, wipes and hand tools
- Includes ESD safe swab holder insert and cover for wipes
- All Protektive Pak corrugated features as shown on page 6 (item 47553) and Protektive Pak Plastek features as shown on page 20 (item 47554)
- · Made in the United States of America

Download Drawing 47553 and 47554

#### Part # Size O.D. - L x W x D

 47553
 Universal Organizer, Corrugated, 16-7/8" x 8-1/8" x 2-3/8"

 47554
 Universal Organizer, Plastek, 16-7/8" x 8-1/8" x 2-3/8"



W

# **Compact Workstation Organizer**

#### **FEATURES**

- Meets ANSI/ESD S20.20 and Packaging Standard ANSI/ESD S541
- Compact, convenient size for organizing and standardizing tool and bottle
   placement at the workstation
- Aesthetically improves the appearance of the work area
  Includes openings for bottles, holes hand tools, swabs,
- miscellaneous items
- Marked with ESD Protective symbol per ANSI/ESD S541
- Conductive 1 x 10<sup>2</sup> to < 1 x 10<sup>5</sup> ohm material provides reliable path-to-ground
- Made in the United States of America

Download Drawings 47555 and 47556

### Part # Size O.D. - L x W x D

<u>47555</u>	Compact Organizer, Corrugated, 11-1/4" x 8" x 2-1/4"
<u>47556</u>	Compact Organizer, Plastek, 11-1/4" x 8" x 2-1/4"

# Static Dissipative Tool Carrier and Lid

### **FEATURES**

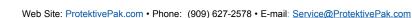
- Open design allows for quick access to tools and accessories
- Includes 6 versatile, multiuse compartments 4 each (2-3/4" x 2-3/4") and 2 each (5-3/4" x 5-3/4")
- Easy assembly, no need to tape, glue, or staples
- Marked with ESD protective symbol per ANSI/ESD S541
- Static Dissipative surface 1 x 10<sup>6</sup> to < 1 x 10<sup>9</sup> ohms per ANSI/ESD STM11.11 - electrostatic charges removed when grounded
- Impregnated Corrugated material superior material with greater durability than painted material
- Made from 100% Recycled material and is 100% recyclable
- Custom configurations available
- Optional lid <u>47558</u> sold separately
- All Protektive Pak corrugated features as shown on page 6
- Made in the United States of America

#### Download Drawing 47557

Part #	Description
<u>47557</u>	Static Dissipative Tool Carrier
<u>47558</u>	Tool Carrier Lid



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Optional Lid



# **ESD Dissipative Turntable**

### **F**EATURES

- Ideal for working on heavier assemblies in an EPA -<u>Watch our video</u>
- ESD protective for use with ESD sensitive assemblies
- Durable ¼" thick Conductive, Crosslink Polyethylene Foam
- Galvanized Steel Turntable located at the bottom
- Size: 12-1/2" Octagon (across flats)
- Very low profile both sizes only 1" high
  Weight capacity 50 lbs / 23 Kg
- Weight capacity 50 lbs / 23 Kg
   Volume Desistance 1 x 106 to
- Volume Resistance 1 x  $10^6$  to < 1 x  $10^9$  ohms per ANSI/STM11.12
- Meets worksurface required limit of ANSI/ESD S20.20 per
- ANSI/ESD S4.1 and ESD TR53
  Electrostatic charges removed to ground via contact on grounded ESD worksurface or via optional <u>47204</u> Ground Cord
- Made in the United States of America

Download Drawing 47200 and 47204

Part #	Description
<u>47200</u>	ESD Dissipative Turntable, 12.5"
<u>47201</u>	ESD Dissipative Turntable, 15.5"
<u>47204</u>	Ground Cord



Optional Ground Cord

## **Trash Receptacles and Liners**

#### **FEATURES**

- Meets ANSI/ESD S20.20 and Packaging Standard ANSI/ESD S541
- · Economical ESD protective product to replace high charging plastic trash cans
- Antistatic, low charging dissipative surface can be grounded via ESD floor
- ESD protective liners also available
- Made in the United States of America

#### Download Drawings 37810, 37820. 37822

Part #	Size I.D L x W x D
<u>37810</u>	13-1/2" x 12" x 13-1/4", 9 Gallon, Impregnated Corrugated (with wire & handles)
<u>37811</u>	13-1/2" x 12" x 13-1/4", 9 Gallon, Impregnated Corrugated (receptacle only)
<u>37812</u>	22-7/8" x 12-7/8" x 32", 40 Gallon, Impregnated Corrugated (with wire & handles)
<u>37813</u>	22-7/8" x 12-7/8" x 32", 40 Gallon, Impregnated Corrugated (receptacle only)
<u>37814</u>	12-1/2" x 10" x 14", 10 Gallon, Impregnated Corrugated
<u>37816</u>	12-1/2" x 10" x 14", 10 Gallon, Plastek
<u>37815</u>	21" x 12-3/4" x 28", 36 Gallon, Impregnated Corrugated
<u>37817</u>	21" x 12-3/4" x 28", 36 Gallon, Plastek
<u>37820</u>	10 Gallon Trash Liner, 26" x 24", Black, 50 per pack
<u>37821</u>	55 Gallon Trash Liner, 22" x 16" x 58", Black, 50 per pack
<u>37822</u>	10 Gallon Trash Liner, 26" x 26", Pink, 50 per pack
<u>37823</u>	36 Gallon Trash Liner, 36" x 40, Pink, 50 per pack











Check stock and place your orders online: ProtektivePak.com



## **PLASTEK™** In-Plant Handlers

Lid included



# Find the optimal size **In-Plant** Handler that you need.

See the Tek-Search on our web site:

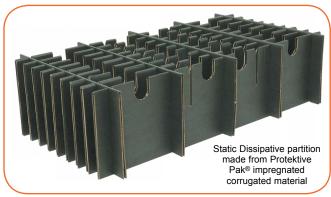
### ProtektivePak.com

Just enter the size of your circuit board assembly (length x width x thickness) and you will be provided with a list of the most efficient In-Plant Handlers.

### **PLASTEK™ IN-PLANT HANDLER FEATURES**

- Meets ANSI/ESD S20.20 and Packaging Standard ANSI/ESD S541
- Provides physical protection with conductive material, providing reliable path-to-ground
- Many sizes available to optimize fit to your product size
- Includes static dissipative foam bottom, providing ESD and shock protection
- Includes steel wire frame for extra strength
- Conductive plastic hand holes for ease of handling, while providing reliable path-to-ground
- Static Dissipative partitions made from Protektive Pak<sup>®</sup> impregnated corrugated material
- Product ships assembled
- Great container for Kanban
- All Plastek<sup>™</sup> features as shown below
- Rs 1 x  $10^2$  to < 1 x  $10^5$  ohms
- Made in the United States of America

#### Download Drawing 38920



### Features of all **Protektive Pak Plastek**<sup>™</sup>

- Conductive 1 x 10<sup>2</sup> to < 1 x 10<sup>5</sup> ohm material provides reliable path-to-ground
- Superior strength and durability; made from extruded, high impact polypropylene materials
- · Chemical and moisture resistant
- · Ideal for use where corrugated and/or paper products cannot be used
- · Economical alternative to injection molded products
- · Reusable, ensuring best value

### All Plastek<sup>™</sup> In-Plant Handlers include:

- Storage container
- Partition set
- Bottom foam pad
- Handles
- Lid

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### **In-Plant Handlers PLASTEK**<sup>TM</sup>

### Lid is included for all In-Plant Handlers

Inside Box Dimensions: 18-5/8" x 15" x 5-7/8"							
39103 Series		Cell Si	ze	# of Cells	Reference #		
Part #	Length	Width	Thickness	Per Box	Relefence #		
<u>38946</u>	5-7/8"	4"	1-1/4"	40	CPS406-40		
<u>38943</u>	5-7/8"	4"	2-3/4"	20	CPS406-20A		
<u>38945</u>	5-7/8"	5-3/8"	1-1/4"	30	CPS406-30		
<u>38941</u>	5-7/8"	5-3/8"	2-3/4"	15	CPS406-15A		
<u>38944</u>	5-7/8"	8-1/8"	1"	24	CPS406-24		
<u>38942</u>	5-7/8"	8-1/8"	1-1/4"	20	CPS406-20		
<u>38939</u>	5-7/8"	8-1/8"	2-3/4"	10	CPS406-10A		
<u>38940</u>	5-7/8"	16-5/8"	1"	12	CPS406-12		
<u>38938</u>	5-7/8"	16-5/8"	1-1/4"	10	CPS406-10		
<u>38947</u>	5-7/8"	16-5/8"	2-3/4"	5	CPS406-5A		

Inside Box Dimensions: 22-7/8" x 12-7/8" x 8"							
39112 Series		Cell Si	ze	# of Cells	Deference #		
Part #	Length	Width	Thickness	Per Box	Reference #		
<u>39006</u>	8"	4-3/4"	1"	40	CPS448-40		
<u>39004</u>	8"	4-3/4"	2-1/4"	20	CPS448-20A		
<u>39005</u>	8"	6-1/2"	1"	30	CPS448-30		
<u>39002</u>	8"	6-1/2"	2-1/4"	15	CPS448-15A		
<u>39003</u>	8"	10"	1"	20	CPS448-20		
<u>39001</u>	8"	10"	2-1/4"	10	CPS448-10A		
<u>39000</u>	8"	20-1/8"	1"	10	CPS448-10		
<u>39007</u>	8"	20-1/8"	2-1/4"	5	CPS448-5A		

Ships assembled with 37453 bottom foam.

Ships assembled with 37455 bottom foam.

Inside Box Dimensions: 22-7/8" x 12-7/8" x 6"								
39111 Series		Cell Si	ze	# of Cells	Reference #			
Part #	Length	Width	Thickness	Per Box	Reference #			
<u>38998</u>	6"	4-3/4"	1"	40	CPS446-40			
<u>38996</u>	6"	4-3/4"	2-1/4"	20	CPS446-20A			
<u>38997</u>	6"	6-1/2"	1"	30	CPS446-30			
<u>38994</u>	6"	6-1/2"	2-1/4"	15	CPS446-15A			
<u>38995</u>	6"	10"	1"	20	CPS446-20			
<u>38993</u>	6"	10"	2-1/4"	10	CPS446-10A			
<u>38992</u>	6"	20-1/8"	1"	10	CPS446-10			
<u>38999</u>	6"	20-1/8"	2-1/4"	5	CPS446-5A			

Ships assembled with 37453 bottom foam.

Inside Box Dimensions: 17" x 13" x 6-3/4"								
39106 Series		Cell Si	ze	# of Cells	Reference #			
Part #	Length	Width	Thickness	Per Box	Relefence #			
<u>38962</u>	6-3/4"	4-5/8"	1"	30	CPS436-30			
<u>38960</u>	6-3/4"	4-5/8"	2-3/8"	15	CPS436-15A			
<u>38961</u>	6-3/4"	7-1/8"	1"	20	CPS436-20			
<u>38959</u>	6-3/4"	7-1/8"	2-3/8"	10	CPS436-10A			
<u>38958</u>	6-3/4"	14-5/8"	1"	10	CPS436-10			
<u>38963</u>	6-3/4"	14-5/8"	2-3/8"	5	CPS436-5A			

Ships assembled with 37452 bottom foam.

Inside Box Dimensions: 18-5/8" x 15" x 8"								
39122 Series		Cell Si	ze	# of Cells	Reference #			
Part #	Length	Width	Thickness	Per Box	Relefence #			
<u>39070</u>	8"	4"	1-1/4"	40	CPS468-40			
<u>39067</u>	8"	4"	2-3/4"	20	CPS468-20A			
<u>39069</u>	8"	5-3/8"	1-1/4"	30	CPS468-30			
<u>39065</u>	8"	5-3/8"	2-3/4"	15	CPS468-15A			
<u>39068</u>	8"	8-1/8"	1"	24	CPS468-24			
<u>39066</u>	8"	8-1/8"	1-1/4"	20	CPS468-20			
<u>39063</u>	8"	8-1/8"	2-3/4"	10	CPS468-10A			
<u>39064</u>	8"	16-5/8"	1"	12	CPS468-12			
<u>39062</u>	8"	16-5/8"	1-1/4"	10	CPS468-10			
<u>39071</u>	8"	16-5/8"	2-3/4"	5	CPS468-5A			

Ships assembled with 37455 bottom foam.

Inside Box Dimensions: 17" x 13" x 8-3/4" 39107 Series Cell Size # of Cells Reference # Part # Length Width Thickness Per Box 8-3/4" 4-5/8" 1" 30 CPS438-30 <u>38968</u> 8-3/4" 2-3/8" 15 CPS438-15A 38966 4-5/8" 38967 8-3/4" 7-1/8" 1" 20 CPS438-20 38965 8-3/4" 7-1/8" 2-3/8" 10 CPS438-10A 38964 8-3/4" 14-5/8" 1" 10 CPS438-10 8-3/4" 38969 14-5/8" 2-3/8" 5 CPS438-5A

Ships assembled with 37452 bottom foam.

Inside Box Dimensions: 18-5/8" x 15" x 10"								
39119 Series		Cell Si	ze	# of Cells	Reference #			
Part #	Length	Width	Thickness	Per Box	Relefence #			
<u>39040</u> •	10"	4"	1-1/4"	40	CPS460-40			
<u>39037</u> •	10"	4"	2-3/4"	20	CPS460-20A			
<u>39039</u> •	10"	5-3/8"	1-1/4"	30	CPS460-30			
<u>39035</u> •	10"	5-3/8"	2-3/4"	15	CPS460-15A			
<u>39038</u> •	10"	8-1/8"	1"	24	CPS460-24			
<u>39036</u> •	10"	8-1/8"	1-1/4"	20	CPS460-20			
<u>39033</u> •	10"	8-1/8"	2-3/4"	10	CPS460-10A			
<u>39034</u> •	10"	16-5/8"	1"	12	CPS460-12			
<u>39032</u> •	10"	16-5/8"	1-1/4"	10	CPS460-10			
<u>39041</u> •	10"	16-5/8"	2-3/4"	5	CPS460-5A			

Ships assembled with 37455 bottom foam.

Inside Box Dimensions: 22-7/8" x 12-7/8" x 10"							
39109 Series		Cell Si	ze	# of Cells	Reference #		
Part #	Length	Width	Thickness	Per Box	Relefence #		
<u>38982</u>	10"	4-3/4"	1"	40	CPS440-40		
<u>38980</u>	10"	4-3/4"	2-1/4"	20	CPS440-20A		
<u>38981</u>	10"	6-1/2"	1"	30	CPS440-30		
<u>38978</u>	10"	6-1/2"	2-1/4"	15	CPS440-15A		
<u>38979</u>	10"	10"	1"	20	CPS440-20		
<u>38977</u>	10"	10"	2-1/4"	10	CPS440-10A		
<u>38976</u>	10"	20-1/8"	1"	10	CPS440-10		
<u>38983</u>	10"	20-1/8"	2-1/4"	5	CPS440-5A		

Ships assembled with 37453 bottom foam.







**PROTEKTIVE PAK BURGED SHIELDING LAVER**Check stock and place your orders online: <u>ProtektivePak.com</u>



# **PLASTEK™** In-Plant Handlers

### Lid is included for all In-Plant Handlers

Inside Box Dimensions: 17" x 13" x 10-3/4"								
39108 Series	Cell Size			# of Cells	Reference #			
Part #	Length	Width	Thickness	Per Box	Relefence #			
<u>38974</u>	10-3/4"	4-5/8"	1"	30	CPS439-30			
<u>38972</u>	10-3/4"	4-5/8"	2-3/8"	15	CPS439-15A			
<u>38973</u>	10-3/4"	7-1/8"	1"	20	CPS439-20			
<u>38971</u>	10-3/4"	7-1/8"	2-3/8"	10	CPS439-10A			
<u>38970</u>	10-3/4"	14-5/8"	1"	10	CPS439-10			
<u>38975</u>	10-3/4"	14-5/8"	2-3/8"	5	CPS439-5A			

Ships assembled with 37452 bottom foam.

Inside Box Dimensions: 18-5/8" x 15" x 12"								
39120 Series		Cell Si	ze	# of Cells	Reference #			
Part #	Length	Width	Thickness	Per Box	Relefence #			
<u>39050</u>	12"	4"	1-1/4"	40	CPS462-40			
<u>39047</u>	12"	4"	2-3/4"	20	CPS462-20A			
<u>39049</u>	12"	5-3/8"	1-1/4"	30	CPS462-30			
<u>39045</u>	12"	5-3/8"	2-3/4"	15	CPS462-15A			
<u>39048</u>	12"	8-1/8"	1"	24	CPS462-24			
<u>39046</u>	12"	8-1/8"	1-1/4"	20	CPS462-20			
<u>39043</u>	12"	8-1/8"	2-3/4"	10	CPS462-10A			
<u>39044</u>	12"	16-5/8"	1"	12	CPS462-12			
<u>39042</u>	12"	16-5/8"	1-1/4"	10	CPS462-10			
39051	12"	16-5/8"	2-3/4"	5	CPS462-5A			

Ships assembled with 37455 bottom foam.

Inside Box Dimensions: 17" x 13" x 12-5/8"								
39100 Series		Cell Si	ze	# of Cells	Reference #			
Part #	Length	Width	Per Box	Reference #				
<u>38924</u>	12-5/8"	4-5/8"	1"	30	CPS403-30			
<u>38922</u>	12-5/8"	4-5/8"	2-3/8"	15	CPS403-15A			
<u>38923</u>	12-5/8"	7-1/8"	1"	20	CPS403-20			
<u>38921</u>	12-5/8"	7-1/8"	2-3/8"	10	CPS403-10A			
<u>38920</u>	12-5/8"	14-5/8"	1"	10	CPS403-10			
<u>38925</u>	12-5/8"	14-5/8"	2-3/8"	5	CPS403-5A			

Ships assembled with 37452 bottom foam.

Inside Box Dimensions: 22-7/8" x 12-7/8" x 12-5/8"								
39101 Series		Cell Si	ze	# of Cells	Deference #			
Part #	Length	Width	Thickness	Per Box	Reference #			
<u>38932</u>	12-5/8"	4-3/4"	1"	40	CPS404-40			
<u>38930</u>	12-5/8"	4-3/4"	2-1/4"	20	CPS404-20A			
<u>38931</u>	12-5/8"	6-1/2"	1"	30	CPS404-30			
<u>38928</u>	12-5/8"	6-1/2"	2-1/4"	15	CPS404-15A			
<u>38929</u>	12-5/8"	10"	1"	20	CPS404-20			
<u>38927</u>	12-5/8"	10"	2-1/4"	10	CPS404-10A			
<u>38926</u>	12-5/8"	20-1/8"	1"	10	CPS404-10			
38933	12-5/8"	20-1/8"	2-1/4"	5	CPS404-5A			

Ships assembled with 37453 bottom foam.

Inside Box Dimensions: 18-3/8" x 12-3/8" x 12-3/4"					
39113 Series		Cell Size			Reference #
Part #	Length	Width	Thickness	Per Box	Reference #
<u>39010</u>	12-3/4"	7-3/4"	1"	20	CPS452-20
<u>39009</u>	12-3/4"	7-3/4"	2-1/4"	10	CPS452-10A
<u>39008</u>	12-3/4"	16"	1"	10	CPS452-10
<u>39011</u>	12-3/4"	16"	2-1/4"	5	CPS452-5A

Ships assembled with 37454 bottom foam.



See our products being Made in America on our web site: <u>ProtektivePak.com/factory</u>

Inside Box Dimensions: 18-5/8" x 15" x 14"					
39121 Series Part #	Length			# of Cells Per Box	Reference #
<u>39060</u>	14"	4"	1-1/4"	40	CPS464-40
<u>39057</u>	14"	4"	2-3/4"	20	CPS464-20A
<u>39059</u>	14"	5-3/8"	1-1/4"	30	CPS464-30
<u>39055</u>	14"	5-3/8"	2-3/4"	15	CPS464-15A
<u>39058</u>	14"	8-1/8"	1"	24	CPS464-24
<u>39056</u>	14"	8-1/8"	1-1/4"	20	CPS464-20
<u>39053</u>	14"	8-1/8"	2-3/4"	10	CPS464-10A
<u>39054</u>	14"	16-5/8"	1"	12	CPS464-12
<u>39052</u>	14"	16-5/8"	1-1/4"	10	CPS464-10
<u>39061</u>	14"	16-5/8"	2-3/4"	5	CPS464-5A

Ships assembled with 37455 bottom foam.

Inside Box D	Inside Box Dimensions: 22-7/8" x 12-7/8" x 15-1/4"				
39110 Series		Cell Si	ze	# of Cells	Reference #
Part #	Length	Width	Thickness	Per Box	Reference #
<u>38990</u>	15-1/4"	4-3/4"	1"	40	CPS445-40
<u>38988</u>	15-1/4"	4-3/4"	2-1/4"	20	CPS445-20A
<u>38989</u>	15-1/4"	6-1/2"	1"	30	CPS445-30
<u>38986</u>	15-1/4"	6-1/2"	2-1/4"	15	CPS445-15A
38987	15-1/4"	10"	1"	20	CPS445-20
<u>38985</u>	15-1/4"	10"	2-1/4"	10	CPS445-10A
<u>38984</u>	15-1/4"	20-1/8"	1"	10	CPS445-10
<u>38991</u>	15-1/4"	20-1/8"	2-1/4"	5	CPS445-5A

Ships assembled with 37453 bottom foam.

Inside Box Dimensions: 18-3/8" x 12-3/8" x 17-1/8"					
39116 Series		Cell Size # of Cells p c			Defense #
Part #	Length	Width	Thickness	Per Box	Reference #
<u>39022</u>	17-1/8"	7-3/4"	1"	20	CPS457-20
<u>39021</u>	17-1/8"	7-3/4"	2-1/4"	10	CPS457-10A
<u>39020</u>	17-1/8"	16"	1"	10	CPS457-10
<u>39023</u>	17-1/8"	16"	2-1/4"	5	CPS457-5A

Ships assembled with 37454 bottom foam.

Inside Box Dimensions: 22-7/8" x 12-7/8" x 18-1/4"					
39104 Series		Cell Size			
Part #	Length	Width	Thickness	Per Box	Reference #
<u>38950</u>	18-1/4"	10"	1"	20	CPS408-20
<u>38949</u>	18-1/4"	10"	2-1/4"	10	CPS408-10A
<u>38948</u>	18-1/4"	20-1/4"	1"	10	CPS408-10
<u>38951</u>	18-1/4"	20-1/4"	2-1/4"	5	CPS408-5A

Ships assembled with 37453 bottom foam.

Inside Box Dimensions: 18-3/8" x 12-3/8" x 18-3/4"					
39102 Series		Cell Size			Reference #
Part #	Length	Width	Thickness	Per Box	Reference #
<u>38936</u>	18-3/4"	8"	1"	20	CPS405-20
<u>38935</u>	18-3/4"	8"	2-1/4"	10	CPS405-10A
<u>38934</u>	18-3/4"	16-1/4"	1"	10	CPS405-10
<u>38937</u>	18-3/4"	16-1/4"	2-1/4"	5	CPS405-5A

Ships assembled with 37454 bottom foam.

These items made to order





Lid sold separately

# **PLASTEK™ Storage Containers**

D

#### **FEATURES**

- Meets ANSI/ESD S20.20 and Packaging Standard ANSI/ESD S541
- Provides physical protection with conductive material providing reliable path-to-ground
- Includes steel wire frame for extra strengthConductive plastic handle for ease of handling
- while providing reliable path-to-ground
- Product ships assembled
- Available options include: (1) Lid manufactured from Plastek™; (2) Static Dissipative Foam bottom to provide ESD and shock protection
- All Plastek features listed on page 20
- Rs: 1 x 10<sup>2</sup> to < 1 x 10<sup>5</sup> ohms
- Made in the United States of America

Download Drawing 39106

Part #	Description	Size*
<u>39130</u>	Lid	17-7/8" x 13-5/8" x 2"
<u>39132</u>	Lid	19-3/8" x 13-3/8" x 2"
<u>39133</u>	Lid	19-3/8" x 15-3/4" x 2"
<u>39131</u>	Lid	23-1/2" x 13-3/8" x 2"

#### Lids sold separately

Part #	REF #	Box Size - L x W x D*	Lid
<u>39106</u>	CPS436-BX	17" x 13" x 6-3/4"	39130
<u>39107</u>	CPS438-BX	17" x 13" x 8-3/4"	39130
<u>39175</u>		17" x 13" x 8-3/4", Stacking	39130
<u>39108</u>	CPS439-BX	17" x 13" x 10-3/4"	39130
<u>39100</u>	CPS403-BX	17" x 13" x 12-5/8"	39130
<u>39105</u> •	CPS434-BX	17" x 13" x 14-3/4"	39130
<u>39113</u>	CPS452-BX	18-3/8" x 12-3/8" x 12-3/4"	39132
<u>39116</u>	CPS457-BX	18-3/8" x 12-3/8" x 17-1/8"	39132
<u>39102</u>	CPS405-BX	18-3/8" x 12-3/8" x 18-3/4"	39132
<u>39103</u>	CPS406-BX	18-5/8" x 15" x 5-7/8"	39133
<u>39122</u>	CPS468-BX	18-5/8" x 15" x 8"	39133

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Part #	REF #	Box Size - L x W x D*	Lid
<u>39119</u>	CPS460-BX	18-5/8" x 15" x 10"	39133
<u>39120</u>	CPS462-BX	18-5/8" x 15" x 12"	39133
<u>39121</u>	CPS464-BX	18-5/8" x 15" x 14"	39133
<u>39111</u>	CPS446-BX	22-7/8" x 12-7/8" x 6"	39131
<u>39112</u>	CPS448-BX	22-7/8" x 12-7/8" x 8"	39131
<u>39109</u>	CPS440-BX	22-7/8" x 12-7/8" x 10"	39131
<u>39101</u>	CPS404-BX	22-7/8" x 12-7/8" x 12-5/8"	39131
<u>39110</u>	CPS445-BX	22-7/8" x 12-7/8" x 15-1/4"	39131
<u>39104</u>	CPS408-BX	22-7/8" x 12-7/8" x 18-1/4"	39131

\* Inside Dimensions

These items made to order

# **PLASTEK™ Tek Trays**

### **FEATURES**

- Meets ANSI/ESD S20.20 and Packaging Standard ANSI/ESD S541
- Convenient storage tray made of conductive material, providing reliable path-to-ground
- Includes steel wire frame which allows trays to stack, improving productivity and saving valuable space
- · Static dissipative foam bottom provides ESD and shock protection
- Yellow stacking wire is easy to see and helps provide visual identification
- Static Dissipative Foam bottom laminated to Plastek™
- Conductive 1 x  $10^2$  to < 1 x  $10^5$  ohms material provides reliable path-to-ground
- Ideal for use where corrugated and/or paper products cannot be used
- Great container for Kanban
- All Plastek features listed on page 20
- Made in the United States of America

#### Download Drawing 39160

Part #	Size I.D L x W x D
<u>39160</u>	18" x 11-3/8" x 1-3/4"
<u>39161</u>	22-3/4" x 17-1/2" x 2-1/2"







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# **PLASTEK™** Open Bin Boxes

### **FEATURES**

- · Meets ANSI/ESD S20.20 and Packaging Standard ANSI/ESD S541
- · Provides physical protection, with conductive material providing reliable path-to-ground
- Many sizes available
- Shipped knocked-down; easy to assemble
- All Plastek features listed on page 20
- Rs:  $1 \times 10^2$  to  $< 1 \times 10^5$  ohms
- Made in the United States of America

### Download Drawing 38900

Part #	Size O.D L x W x D
<u>38900</u>	12" x 2" x 4"
<u>38901</u>	12" x 4" x 4"
<u>38902</u>	12" x 6" x 4"
<u>38903</u>	12" x 8" x 4"
<u>38909</u>	18" x 2" x 4"
<u>38904</u>	18" x 4" x 4"

Par	t #	Size O.D L x W x D	
389	<u>05</u>	18" x 6" x 4"	
389	06	18" x 8" x 4"	T.
389	10	24" x 2" x 4"	
389	07	24" x 4" x 4"	
389	<u>08</u>	24" x 6" x 4"	1

# **Conductive Fluted Plastek™ Sheets**

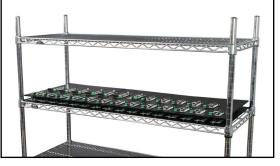
### **F**EATURES

- Great for use as a divider or lining shelves
- Made from extruded high impact polypropylene materials
- Conductive Rtt 1 x 10<sup>2</sup> to <1 x 10<sup>5</sup> ohms
- Meets ANSI/ESD S20.20 worksurface required limit per ANSI/ESD S4.1 and ESD TR53
- Chemical and moisture resistant
- Thickness of both 3mm and 4mm available
- Durable, reusable, will not lose shielding and static charge decay properties
- All Plastek features listed on page 20
- · Made in the United States of America

Download Drawing 39350

Part #	Size - L x W x D
<u>39350</u>	3MM x 24" x 36"
<u>39351</u>	3MM x 24" x 48"
<u>39352</u>	3MM x 48" x 48"
<u>39353</u>	3MM x 60" x 48"
<u>39355</u>	3MM x 96" x 48"
<u>39356</u>	4MM x 24" x 36"
<u>39357</u>	4MM x 36" x 48"
<u>39358</u>	4MM x 48" x 48"
<u>39359</u>	4MM x 60" x 48"
<u>39361</u>	4MM x 96" x 48"





W







# ESD Plastek™ Turntable

#### **FEATURES**

- · Ideal for use where corrugated and/or paper products cannot be used
- Durable 1/4" thick dissipative, crosslink polyethylene foam laminated to conductive fluted Plastek
- Galvanized Steel Turntable located at the bottom
- Size: Choice of 12-1/2" or 15-1/2" circle
- Very low profile 1" high •
- Weight capacity 50 lbs / 23 Kg, ideal for working on heavier assemblies
- Volume Resistance 1 x 10<sup>6</sup> to < 1 x 10<sup>9</sup> ohms per ANSI/STM11.12
- Meets worksurface required limit of ANSI/ESD S20.20 per ANSI/ESD S4.1 and ESD TR53
- Electrostatic charges removed to ground via contact on grounded ESD worksurface or via optional 47204 ground cord
- All Plastek features listed on page 20
- Made in the United States of America •

#### Download Drawing 47202

Part #	Description
	ESD Dissipative Turntable, 12.5"
<u>47203</u>	ESD Dissipative Turntable, 15.5"
<u>47204</u>	Ground Cord



# **Plastek™ Vertical Reel Holders**

#### **FEATURES**

- Space saving, economical method of storing reels
- Includes steel wire frame for extra stength
- Sizes available to fit 7" and 13" reels
- Available with corners allowing the reel holders to be stacked • securely without slipping 47205 and 47206
- Made from extruded, high impact polypropylene material •
- Product ships assembled
- Chemical and moisture resistant
- Visual slot for viewing reel inventory •
- Includes thumb notch for easy access and removal of reel
- All Plastek features listed on page 20
- Made in the United States of America

#### Download Drawing 37568

Part #	Description	
<u>37568</u>	Vertical Reel Holder, 7"	
<u>37569</u>	Vertical Reel Holder, 13"	
<u>47205</u>	Stacking Vertical Reel Holder, 7"	
<u>47206</u>	Stacking Vertical Reel Holder, 13"	









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# **Conductive Hinged Boxes with Foam**

### **FEATURES**

- Meets ANSI/ESD S20.20 and Packaging Standard ANSI/ESD S541
- Provides ESD protective storage and handling of ESD sensitive items
- Rs: 1 x 10<sup>2</sup> to < 1 x 10<sup>5</sup> ohms electrostatic charges able to be removed when grounded
- Secure snap closure keeps boxes from accidentally opening
- Conductive foam inserts provide protection from vibration and shock

#### Download Drawing 57000

Part #	Size I.D L x W x D
<u>57000</u>	1.3" x 1.3" x 0.47" molded ESD symbol
<u>57002</u>	2.87" x 2" x 0.63" molded ESD symbol
<u>57004</u>	3.54" x 2.52" x 0.63" molded ESD symbol
<u>57006</u>	4.21" x 3.23" x 0.51" molded ESD symbol
<u>57010</u>	9.02" x 4.96" x 0.83" molded ESD symbol
<u>57008</u>	9.02" x 4.96" x 1.18" molded ESD symbol
<u>57012</u>	9.02" x 4.96" x 1.57" molded ESD symbol



# **Conductive Kitting Trays**

### **FEATURES**

- Meets ANSI/ESD S20.20 and Packaging Standard ANSI/ESD S541
- Used for kitting and to help organize the workstation
- Durable conductive styrene
- Die-cut-drop-in covers available separately •
- Great container for Kanban
- Made in the United States of America

### Download Drawing 39201

Part #	O.D L x W x D	Cell Size - L x W x D	# of Cells
<u>39201</u>	14-1/2" x 10-1/8" x 1-7/8"	3-1/2" x 2-3/4" x 1-1/4"	9
	14-3/8" x 10-1/8" x 1-3/4"		12
	10-1/2" x 8-3/4" x 1-1/2"	2" x 1-7/8" x 1"	12
<u>39209</u>	9-7/8" x 7-9/16" x 1"	3" x 1-1/2" x 1"	10

	Description
	Lid for 39206
<u>39204</u>	Lid for 39201
	Lid for 39202
<u>39212</u>	Lid for 39209 and 39210









# **Velostat® Drum Liners**

### **FEATURES**

- · Conductive drum liner, electrostatic charges removed when grounded
- Surface resistance < 1 x 10<sup>11</sup> ohms per ANSI/ESD STM11.11
- Meets ANSI/ESD S20.20 and ANSI/ESD S541
- Appropriate for use in ESD Protected Areas (EPA)

#### Download Drawing 2014 18X24

Part #	Size
<u>2014 18X24</u>	18" x 24", 5 Gallon, Drum Liner
<u>2014 38X58</u>	38" x 58", 55" Gallon, Drum Liner





# **Velostat® Round Containers**

### **F**EATURES

- Ideal for static-safe storage, kitting, and in-process handling and transportation of static-senstive devices and assemblies
- Black, injection molded container
- Snug fitting lid included
- Made in the United States of America

#### Download Drawing 57017

Part #	Size I.D.	
<u>57017</u>	1 13/16" x 4"	
<u>57018</u>	3 3/16" x 4 11/16"	





# **Velostat® Hinged Containers**

### **F**EATURES

- Ideal for static-safe storage, kitting, and in-process handling and transportation of static-senstive devices and assemblies
- · Black, injection molded container
- Molded pin hinge provides better security and reliability than snap hinges
- · Made in the United States of America

#### Download Drawing 57020

Part #	Size I.D L x W x D
<u>57020</u>	2 1/2" x 3 1/2" x 1 3/4"
<u>57021</u>	7" x 3 1/2" x 1"





AVE AV



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# Black Lead Insertion Grade Conductive Foam

#### **FEATURES**

- Meets ANSI/ESD S20.20 and Packaging Standard ANSI/ESD S541
- Ideal for lead insertion packaging, providing ESD and physical protection to component leads
- Shuntable, brings leads to equipotential, minimizing exposure to discharge
- Conductive crosslink polyethylene closed cell foam, Rv <104 ohms
- Non-contaminating, non-corrosive, will not affect solderability
- Cross linked foam will not particulate; the choice for critical environments
- 3.1 lb/ft density
- Available in small, ready-to-use pieces

#### Download Drawing 37640

Part #	Size
<u>37640</u>	1/4" x 2-7/16" x 1"
<u>37641</u>	1/4" x 3-3/16" x 1"
<u>37643</u>	1/4" x 3-3/16" x 1-7/8"
<u>37644</u>	1/4" x 3-1/2" x 3-1/2"
<u>37646</u>	1/4" x 3-3/4" x 2-3/4"
<u>37642</u>	1/4" x 4-3/16" x 1-1/4"
<u>37645</u>	1/4" x 6-3/4" x 3-3/8"

Part #	Size
<u>37704</u>	1/8" x 36" x 60"
<u>37705</u>	1/4" x 36" x 60"
<u>37708</u>	5/16" x 36" x 60"
<u>37706</u>	3/8" x 36" x 60"
<u>37707</u>	1/2" x 36" x 60"



Make sure to visit ProtektivePak.com for the latest up to date information including new products, promotions and technical information.

# **Black Cushion Grade Conductive Foam**

### **FEATURES**

- Meets ANSI/ESD S20.20 and Packaging Standard ANSI/ESD S541
- Conductive crosslink polyethylene closed cell Rv 1 x 10<sup>3</sup> to < 1 x 10<sup>5</sup> ohms
- Cushioning protects items from physical shock
- Non-contaminating, non-corrosive, and non-sloughing
- 2.8 lb/ft density

#### Download Drawing 37680

Part #	Size
<u>37680</u>	1/8" x 37" x 57"
<u>37681</u>	1/4" x 37" x 57"
<u>37682</u>	3/8" x 37" x 57"
<u>37683</u>	1/2" x 37" x 57"



# **Black Cushion Grade Static Dissipative Foam**

#### FEATURES

- Meets ANSI/ESD S20.20 and Packaging Standard ANSI/ESD S541
- Static dissipative crosslink polyethylene closed cell foam
- Static dissipative Rv 1 x  $10^6$  to < 1 x  $10^9$  ohms, ideal for controlled electrostatic charge removal
- Cushioning protects items from physical shock
- Non-contaminating, non-corrosive, and non-sloughing
- Easy to adapt for custom uses by die-cutting, laminating, routing, etc.
- 1.9 lb/ft density

#### Download Drawing 37700

Part #	Size
<u>37700</u>	1/8" x 40" x 75"
<u>37701</u>	1/4" x 40" x 75"
<u>37702</u>	3/8" x 40" x 75"
<u>37703</u>	1/2" x 40" x 75"





See our products being Made in America on our web site. ProtektivePak.com/factory





# **Pink Cushion Grade Static Dissipative Foam**

### **F**EATURES

- Static dissipative polyurethane open cell foam <10E11 ohms
- Antistatic low charging, minimizing electrostatic charge generation
- Reduces stress from physical shock
- · Easy to adapt for custom uses by die-cutting, laminating, etc.
- 1.4 lb/ft density

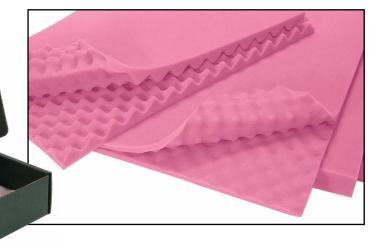
Download Drawing 37710

Part #	Size
<u>37710</u>	1/4" x 40" x 48"
<u>37711</u>	1/2" x 40" x 48"
<u>37712</u>	3/4" x 40" x 48"
<u>37713</u>	1" x 40" x 48"



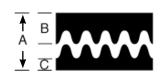
# **Pink Convoluted Static Dissipative Foam**

- Static dissipative polyurethane open cell foam <10E11 ohms
- · Antistatic low charging, minimizing electrostatic charge generation
- Reduces stress from physical shock
- Convoluted foam provides great flexibility in securing items, minimizing movement
- · Easy to adapt for custom uses by die-cutting, laminating, etc.
- 1.4 lb/ft density
- Sold in sets



Part #	Sheet Size (A)	Convolution (B) (C)
<u>37660</u>	1" x 24" x 72"	3/4" over 1/4"
<u>37661</u>	1" x 36" x 72"	3/4" over 1/4"
<u>37662</u>	1-1/2" x 24" x 72"	1-1/4" over 1/4"
<u>37663</u>	1-1/2" x 36" x 72"	1-1/4" over 1/4"

**NOTE:** Sold in sets, 2 pieces per set, not sold by case



## **Custom Foam Applications Available**

Contact us for more information:

E-mail: <u>Service@ProtektivePak.com</u> Phone: (909) 627-2578





Check stock and place your orders online: <u>ProtektivePak.com</u>



## **Wescorp Antistatic Tape**





Replace High Charging Regular Tape with Wescorp Antistatic Tape



\*Tape widths are nominal metric ±0.8mm(±.030")

Таре	0.25"	0.5"	0.75"	1"	2"	Core	Length
Antistatic Clear Cellulose, Paper Core		<u>46920</u> <u>46923</u>	<u>46921</u> <u>46924</u>	<u>46922</u> <u>46925</u>	<u>46926</u>	1" 3"	39 yds 72 yds
Antistatic Clear Cellulose, Plastic Core		<u>46900</u> <u>46903</u>	<u>46901</u> <u>46904</u>	<u>46902</u> <u>46905</u>	<u>46906</u>	1" 3"	39 yds 72 yds
Antistatic Clear Cellulose, with Symbols, Paper Core		<u>46927</u>	<u>46928</u>	<u>46929</u>	<u>46930</u>	3"	72 yds
Antistatic Clear Cellulose, with Symbols, Plastic Core		<u>46909</u>	<u>46910</u>	<u>46911</u>	<u>46912</u>	3"	72 yds
Antistatic Clear Cellulose, with Symbols and Yellow Stripe, Plastic Core		<u>46913</u>	<u>46914</u>	<u>46915</u>	<u>46916</u>	3"	72 yds
Antistatic Conductive Shielding Grid, Paper Core		<u>47016</u>	<u>47017</u>	<u>47018</u>	<u>47019</u>	3"	39 yds
Antistatic High Temp Masking, Paper Core		<u>47020</u>	<u>47021</u>	<u>47022</u>		3"	60 yds
Antistatic High Temp Polyimide, Paper Core	<u>47026</u>	<u>47027</u>	<u>47028</u>	<u>47029</u>		3"	39 yds
Tape Dispenser					<u>47037</u>	3"	

- Antistatic Cellulose Tape for general purpose applications
- Antistatic Conductive Shielding Grid Tape for applications requiring EMI shielding
- Antistatic High Temp Masking Tape for applications masking PCB gold features for wave soldering
- Antistatic High Temp Polyimide Tape for higher temperature applications masking PCB gold features for wave soldering and IR reflow ovens
- For complete details on our Wescorp Antistatic Tape, visit <u>ProtektivePak.com</u>

Download Technical Bulletin <u>TB-4500</u> Download Drawings <u>46900</u>, <u>47016</u>, <u>47020</u>, <u>47026</u>



See our products being Made in America on our web site: ProtektivePak.com/factory Note: Tapes store best when laid flat in a dry, well ventilated room with a reasonably consistent temperature of  $20^{\circ}$  C ( $68^{\circ}$  F) and are protected from exposure to direct sunlight.

Make sure to visit <u>ProtektivePak.com</u> for the latest up to date information including new products, promotions and technical information.





E LEAD-FI ZONE

# Lead-Free Zone Aisle Marking Tape

### **FEATURES**

- · Provides identification for areas that are lead free
- Colorful green and white aisle marking tape can be easily seen and recognized
- · Provides tie-in with other lead-free work area products
- Tough, durable floor tape constructed of scuff resistant vinyl plastic
- · Quick-stick adhesive makes it eady to adhere to floor
- 3" x 54'
- Made in America

#### Download Drawing 47103

Part #	Description	Size
<u>47103</u>	Lead-Free Zone Aisle Marking Tape	3" x 54'

# Lead-Free Marking Tape

#### **FEATURES**

- · For use on Protektive Pak Boxes, Bins, and Totes
- Can also be used on Metro Carts, work stations, machines, benches anywhere it is needed to designate the area as "Lead-Free" Area
- Colorful green tape can be easily seen and recognized
- · Provides tie-in with other lead-free work area products
- 1" x 360'

#### Made in America

#### Download Drawing 47105

Part #	Description	Size
<u>47105</u>	Lead-Free Marking Tape	1" x 360'

# **Carton Sealing Tape**

#### **FEATURES**

- · For use in shipping of ESD sensitive items
- · Identifies packages that should be opened only in ESD protected areas
- Includes ESD Susceptibility symbol
- Heavy-duty, reinforced shipping tape
- Adhesive is water-activated modified starch
- Packaged 10 rolls per case
- Rolls are 3 inches wide and 450 feet long
- Lead-free RoHS compliant
- Made in America

#### Download Drawing 47100

Part #	Description	Size
<u>47100</u>	Carton Sealing Tape, 10/Case	3" x 450'















# **ESD Susceptibility Labels**

### **FEATURES**

- Designed for use on packages, containers, and anywhere a permanent warning is required
- Pressure sensitive labels designed to call immediate attention to items that are susceptible to damage from ESD
- Coated with varnish for added durability

### **SPECIFICATIONS**

- · Color: Yellow with black printing
- Symbol: RS-471 (ESD Susceptibility Symbol per ANSI/ESD S8.1)
- Packaged: 500 per roll, 3" diameter core

#### Download Drawing 47500

Part #	Description	Size
<u>47500</u>	Susceptibility, RS-471	2" x 2"
<u>47507</u>	Susceptibility, RS-471	2" x 2" Reusable

# Lead-Free Zone Attention Sign

### **F**EATURES

- · Provides identification for areas that are lead-free
- English language on one side, Spanish language opposite side
- Colorful green and white sign can be easily seen and recognized
- Provides tie-in with other lead-free work area products
- Tough, durable plastic sign
- Size: 4" x 10"
- Made in America

#### Download Drawing 47104

Part #DescriptionSize47104Lead-Free Zone Attention Sign, Bilingual4" x 10"

# Lead-Free Label, RoHS Compliant

#### **FEATURES**

- · Provides identification for products and equipment that are lead-free
- Colorful green label can be easily seen and recognized
- · Provides tie-in with other lead-free work area products
- Label is 1-3/4" square
- Adhesive label, 500/roll
- 3" core
- Made in America

#### Download Drawing 47102

Part #	Description	Size
<u>47102</u>	Lead-Free Label, RoHS Compliant	1-3/4" x 1-3/4"

### Use Labels with Protektive Pak Bags.

See pages 34 - 35



See our products being Made in America on our web site: ProtektivePak.com/factory 8

COMPLIANT

47102









## **Statfree<sup>®</sup> Static Dissipative 6 Mil Document Holders**

#### **FEATURES**

- · Used in static sensitive testing and production environments
- Holds work orders and drawings
- · Low charging and dissipative, provides path-to-ground
- Imprinted with ESD Protective Symbol
- · Sold in packs of 25 each
- Single OpeningMade in America

#### Download Drawing 47121

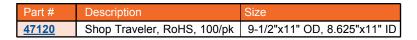
Part #	Description	Size
<u>47121</u>	Document Holder, 6 Mil, 25/Pk	10" x 12"
<u>47122</u>	Document Holder, 6 Mil, Extra Pocket, 25/Pk	10" x 12"
<u>47123</u>	Document Holder, 6 Mil, B Size, 25/Pk	11-1/4" x 17-1/2"

# Lead-Free Area ESD Shop Traveler

#### **FEATURES**

- Lead-free RoHS compliant
- · Appropriate for use in Lead-Free work areas
- RTT: <10E11 ohms
- · Meets S20.20 and Packaging ESD S541 standards
- 3 mil thick, 9.5" x 11" (outside dimensions) with opening
- For "A" size documents that are 8-1/2" x 11" 8.625" x 11" inside dimensions
- Integral static dissipative properties
- Made in America

Download Drawing 47120



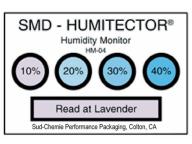
# Desiccant Packs and Humidity Indicator Cards

#### **FEATURES**

- Use Desiccant Pack in Moisture Barrier Bags to absorb moisture
- Use Humidity Indicator Card to monitor performance; meets MIL-I-8835
- Made in America

#### Download Drawings 48881 and 48882

Part #	Description	Size
<u>48880</u>	Desiccant Pack, 1/2 Unit Pail of 550	1.2" x 2.4"
<u>48887</u>	Desiccant Pack, 1 Unit Pail of 450	2" x 4"
<u>48888</u>	Desiccant Pack, 1 Unit Pail of 300	2" x 4"
<u>48883</u>	Desiccant Pack, 1/2 Unit Box of 700	1.2" x 2.4"
<u>48882</u>	Humidity Indicator Card, 10/20/30/40, Can/100	2" x 3"
<u>48885</u>	Humidity Indicator Card, 5/10/60, Can/100	2" x 3"
<u>48886</u>	Humidity Indicator Card, 5/10/15, Can/100	2" x 3"











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# Statshield<sup>®</sup> Metal-In ESD Shielding Bag

#### **FEATURES**

- · ElectroStatic Discharge Shielding
- Integral static dissipative properties, not humidity dependent, won't wear off
- Thermo transfer printing will not flake off or particulate, reducing cross contamination
- Printed with ESD Protektive Symbol, manufacturer name, date and lot code for traceability
- Very low NVR and ionics Independent lab chemical analysis available
- Meets or exceeds the recommendations of ANSI/ESD S20.20 and S541
- 40% light transmisson; allows for easy identification of bag contents
- Thickness: Nominal .0030" (.0762mm) ±10%
- Lead-free RoHS compliant
- Made in America

Download Drawing 48720 and 48700 (Without Zipper)

Part #	Description	Size
48720	Metal-In, Zipper	3" x 5"
<u>48732</u>	Metal-In, Zipper	4" x 4"
<u>48721</u>	Metal-In, Zipper	4" x 6"
<u>48722</u>	Metal-In, Zipper	5" x 8"
<u>48730</u>	Metal-In, Zipper	6" x 8"
<u>48723</u>	Metal-In, Zipper	6" x 10"
<u>48736</u>	Metal-In, Zipper	7" x 15"
<u>48737</u>	Metal-In, Zipper	8" x 8"
<u>48724</u>	Metal-In, Zipper	8" x 10"
<u>48738</u>	Metal-In, Zipper	8" x 12"
<u>48725</u>	Metal-In, Zipper	10" x 12"
<u>48731</u>	Metal-In, Zipper	10" x 14"
<u>48726</u>	Metal-In, Zipper	12" x 16"
<u>48727</u>	Metal-In, Zipper	12" x 18"
<u>48741</u>	Metal-In, Zipper	14" x 18"
<u>48728</u>	Metal-In, Zipper	15" x 18"
<u>48742</u>	Metal-In, Zipper	18" x 18"
<u>48729</u>	Metal-In, Zipper	18" x 24"

Part #	Description	Size
<u>46676</u>	Metal-In	4" x 24"
<u>48678</u>	Metal-In	4" x 30"
<u>48681</u>	Metal-In	6" x 8"
<u>48683</u>	Metal-In	6" x 12"
<u>48685</u>	Metal-In	6" x 16"
<u>48686</u>	Metal-In	6" x 18"
<u>48689</u>	Metal-In	6" x 30"
<u>48691</u>	Metal-In	7" x 15"
<u>48692</u>	Metal-In	8" x 12"
<u>48693</u>	Metal-In	8" x 16"
<u>48694</u>	Metal-In	8" x 24"
<u>48695</u>	Metal-In	10" x 14"
<u>48696</u>	Metal-In	10" x 16"
<u>48697</u>	Metal-In	10" x 24"
<u>48699</u>	Metal-In	10" x 30"
<u>48700</u>	Metal-In	3" x 5"

Part #	Description	Size
<u>48701</u>	Metal-In	4" x 6"
<u>48702</u>	Metal-In	5" x 8"
<u>48703</u>	Metal-In	6" x 10"
<u>48704</u>	Metal-In	8" x 10"
<u>48705</u>	Metal-In	10" x 12"
<u>48706</u>	Metal-In	12" x 16"
<u>48707</u>	Metal-In	12" x 18"
<u>48711</u>	Metal-In	12" x 24"
<u>48708</u>	Metal-In	15" x 18"
<u>48709</u>	Metal-In	18" x 24"
<u>48712</u>	Metal-In	24" x 30"
<u>48713</u>	Metal-In	11" x 15"
<u>48715</u>	Metal-In	14" x 18"
<u>48716</u>	Metal-In	18" x 18"
<u>48717</u>	Metal-In	20" x 24"
<u>48718</u>	Metal-In	24" x 24"

# Statshield<sup>®</sup> Metal-Out ESD Shielding Bag

### **FEATURES**

- ElectroStatic Discharge Shielding
- High performance abrasion-resistant coating
- Metal outer layer provides a more rapid charge dissipation when the bag touches a grounded surface
- · Printed with ESD Protektive Symbol, manufacturer name, date and lot code for traceability
- Meets or exceeds the recommendations of ANSI/ESD S20.20 and S541
- Lead-Free RoHS compliant •
- Thickness: Nominal .0030" (.0762mm) ±10%
- Made America

Download Drawing 48770 and 48750 (with zipper)

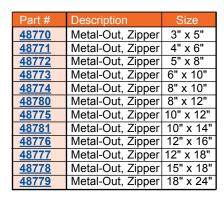
"Transportation of sensitive products outside of an EPA shall require packaging that provides:

- 1. Low charge generation.
- 2. Dissipative or conductive materials for intimate contact.
- 3. A structure that provides electrostatic discharge shielding."

(Packaging standard ANSI/ESD S541 section 6.2)



See our products being Made in America on our web site. ProtektivePak.com/factory



Part #	Description	Size
<u>48750</u>	Metal-Out	3" x 5"
<u>48751</u>	Metal-Out	4" x 6"
<u>48752</u>	Metal-Out	5" x 8"
<u>48753</u>	Metal-Out	6" x 10"
<u>48754</u>	Metal-Out	8" x 10"
<u>48761</u>	Metal-Out	8" x 12"
<u>48755</u>	Metal-Out	10" x 12"
<u>48760</u>	Metal-Out	10" x 14"
<u>48756</u>	Metal-Out	12" x 16"
<u>48757</u>	Metal-Out	12" x 18"
<u>48758</u>	Metal-Out	15" x 18"
<u>48759</u>	Metal-Out	18" x 24"







# Protektive Shield™ Moisture Barrier ESD Shielding Bags

#### **FEATURES**

- · Meets JEDEC-STD-033B, ANSI/ESD S20.20, and S541
- Tough, high puncture resistance, meets flex durability F392-93 condition E test
- · Printed with ESD Protektive Symbol, manufacturer name, date and lot code for traceability
- WVTR < 0.0003 grams per ASTM F1249-90
- Ideal for vacuum packaging and nitrogen flushing
- Thickness: Nominal .0040" (.1016mm) ±10%
- Made in America

#### Download Drawing 48950

Part #	Description	Size	
<u>48949</u>	Moisture Barrier	10" x 12"	
<u>48950</u>	Moisture Barrier	10" x 20"	
<u>48951</u>	Moisture Barrier	10" x 30"	
<u>48952</u>	Moisture Barrier	12" x 20"	
<u>48953</u>	Moisture Barrier	14" x 16"	
<u>48954</u>	Moisture Barrier	16" x 18"	
<u>48955</u>	Moisture Barrier	18" x 20"	





# Statshield<sup>®</sup> ESD High Moisture Barrier Bags

### **F**EATURES

- EMI Shielding; meets requirements of ANSI/ESD S541
- Superior MVB Protection 6.5 mil thick; <0.005 grams MVTR</li>
- >30lb puncture strength
- Integral antistatic, low tribocharging properties; bag contents will not electrostatically charge during movement
- Thickness: Nominal .0065" (.1651mm) ±10%
- Made in America

#### Download Drawing 48782

Part #	Description	Size		Part #	Description	Size
<u>48782</u>	Moisture Barrier	4" x 6"		<u>48788</u>	Moisture Barrier	10" x 30"
<u>48783</u>	Moisture Barrier	5" x 8"	1	<u>48789</u>	Moisture Barrier	12" x 16"
<u>48784</u>	Moisture Barrier	6" x 10"	1	<u>48790</u>	Moisture Barrier	15" x 18"
<u>48785</u>	Moisture Barrier	8" x 10"	1	<u>48791</u>	Moisture Barrier	18" x 18"
<u>48786</u>	Moisture Barrier	10" x 12"	1	<u>48792</u>	Moisture Barrier	18" x 24"
<u>48787</u>	Moisture Barrier	10" x 24"				

# **Pink Poly Bags**

#### **F**EATURES

- 100 bags per package
- Low cost economical choice
- Ideal for hardware and other non ESD sensitive assemblies
- Dissipative <10E11 ohms
- Thickness: 4.0 mil

#### Download Drawing 49100

Part #	Description	Size		Part #	Description	Size
<u>49100</u>	Pink Poly, 4Mil	2" x 3"		<u>49111</u>	Pink Poly, 4Mil	10" x 12"
<u>49101</u>	Pink Poly, 4Mil	3" x 4"		<u>49112</u>	Pink Poly, 4Mil	10" x 14"
<u>49102</u>	Pink Poly, 4Mil	3" x 5"		<u>49113</u>	Pink Poly, 4Mil	10" x 20"
<u>49103</u>	Pink Poly, 4Mil	4" x 6"		<u>49114</u>	Pink Poly, 4Mil	12" x 16"
<u>49104</u>	Pink Poly, 4Mil	5" x 7"		<u>49115</u>	Pink Poly, 4Mil	14" x 16"
<u>49106</u>	Pink Poly, 4Mil	6" x 8"		<u>49116</u>	Pink Poly, 4Mil	15" x 18"
<u>49107</u>	Pink Poly, 4Mil	6" x 9"		<u>49117</u>	Pink Poly, 4Mil	16" x 20"
<u>49108</u>	Pink Poly, 4Mil	6" x 10"		<u>49118</u>	Pink Poly, 4Mil	18" x 20"
<u>49109</u>	Pink Poly, 4Mil	8" x 10"		<u>49119</u>	Pink Poly, 4Mil	18" x 24"
<u>49110</u>	Pink Poly, 4Mil	8" x 12"	'	•	•	









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