



Hellermann Heat Shrink Boots

CALL PEI-GENESIS TOLL FREE AT 800-642-8750

www.pei-genesis.com



PEI-GENESIS									
Series Name	100 Series	130 Series	1100 Series	200 Series	300 Series	1800 Series	2100 Series	313C722-774	313F322-396
Shape	Bottle Shapes with Rib	Long Outlet Low Profile	Right Angle Low Profile with Rib	2 Way Outlet	3 Way Outlet	30°, 45°, 60° Angle with Rib	Cover for D-Sub with 90° entry	Convolute Boot Low Profile with Lip	Straight Boot Low Profile with Lip
Standards/ Approvals	MS3109	VG95343 MS3109	VG95343 MS3117	VG95343	VG95343	N/A	N/A	Govnmt Ordinance# 12273242	Govnmt Ordinance# 1273147
Materials Available	J, B7, G, H	J, B7, G, H	J, B7, G	J, B7, G, H	J, B7, G, H	J, B7, G, H	J, B7, G, H	6, 8, 9	6, 8, 9
Adhesives Available	WM250, W8, W24	WM250, W8, W24	WM250, W8, W24	WM250, W8, W24	WM250, W8, W24	WM250, W8, W24	WM250, W8, W24	200, 250, 450, W24	200, 250, 450, W24
Expanded Min. Dia. Range	.35 - 3.40"	.87 - 3.22"	.87 - 3.23"	.51 - 2.20"	.51 - 2.19"	.79 - 1.69"	N/A	.56 - 3.04"	.94 - 2.47"
Cable Max. Dia. *	.16 - 3.40"	.47 - 2.64"	.41 - 2.64"	.15 - 1.02"	.15 - 1.00"	.79 - 1.68"	.31 - 1.48"	.44 - 2.15"	.68 - 2.10"
Cable Min. Dia.	.08 - 1.05"	.25 - .91"	.23 - .91"	.10 - .51"	.10 - .49"	.16 - .39"	.16 - .42"	.19 - .90"	.26 - .66"
Length Max. after Recovery +/- 10%	.59 - 1.05"	2.99 - 8.00"	2.76 - 9.33"	1.61 - 6.81"	1.82 - 7.56"	1.079 - 1.994"	.85 - 1.27"	4.75 - 9.30"	4.17 - 9.00"

* Note allow 20% recovery for proper bonding of adhesive liner

** Other materials are also available. Please call to inquire.

CALL PEI-GENESIS TOLL FREE AT 800-642-8750

www.pei-genesis.com





Hellermann Heat Shrink Boots
 CALL PEI-GENESIS TOLL FREE AT 800-642-8750
www.peigenesis.com



PEI-GENESIS	Materials							Adhesives				
Material or adhesive	J	B7	G	H	6	8	9	Material or adhesive	WM250 / 250	W8 / 450	W24	200
Description	Flexible flame retarded cross-linked modified polyolefin	Flexible flame retarded cross-linked modified polyolefin	Fluid Resistant cross-linked elastomer	Halogen free limited fire hazard flexible cross-linked material with excellent fire safety properties	Modified Elastomer Blend	Viton-Polyester Polymer Blend	Modified Elastomer Blend	Description	WM250 is a hot melt adhesive which is Halogen free.	W8 is a modified polyamide hot melt adhesive which is Halogen free.	W24 is a factory coated high performance epoxy adhesive.	Thermoset adhesive
Continuous Operating Temperature	-55° to 135° C -67° to 275° F	-55° to 135° C -67° to 275° F	-75° to 150° C -103° to 302° F	-55° to 105° C -67° to 221° F	-55° to 120° C -67° to 248° F	-55° to 150° C -67° to 302° F	-55° to 120° C -67° to 248° F	Continuous Operating Temperature	-50° to 80° C -58° to 176° F	-55° to 120°C -67° to 248° F	-75° to 200°C -103° to 392° F	-55° to 125°C -67° to 257° F
Minimum Shrink Temperature	135° C	135° C	135° C	135° C	135° C	135° C	135° C	Softening Point	80° C 176° F	105° C 221° F	-	N/A
Specifications	MIL-I-81765/1 Type II Flexible Def Stan 59-97 Issue 3 Type DB	MIL-I-81765/1 Type I Semi-rigid Def Stan 59-97 Issue 3 Type DA UL-94	VG98676 Part 6 Def Stan 59-97 Issue 3 Type DE	Def Stan 59-97 Issue 3 Type DF Conforms to NAVSEA 5617649E	SCX 15112	SCX 15111	SCX 15112	Specifications	Def Stan 59-97 (Part 1) Issue 3 Type (WL)	Def Stan 59-97 (Part 1) Issue 3 Type (WH)	Def Stan 59-97/3 Type U Conforms to VG95343 Part 18	Def Stan 59-97 Issue 3 Type S
Tensile Strength	2030 psi	2610 psi	2900 psi	1450 psi	1700 psi	3000 psi	1700 psi	Peel Strength	XLPE/Metal 18lbs/inch XLPE/XLPE 55lbs/inch	XLPE/XLPE 20lbs/inch	XLPE/Metal 100N/25mm XLPE/XLPE 150N/25mm	XLPE/Metal 35lbs/inch XLPE/XLPE 47lbs/inch
Flammability	Self extinguishes within 0.60 inch	Self extinguishes within 0.60 inch	Self extinguishes within 0.60 inch	Self extinguishes within 0.60 inch	Self extinguishes within 0.60 inch	Self extinguishes within 0.60 inch	Self extinguishes within 0.60 inch	Cure Time	N/A	N/A	50% of bond strength achieved in 5 minutes to enable movement of harness. Ultimate strength reached in 7 days.	30 minutes at 150° C 302° F
Water Absorption	0.13%	0.1%	0.1%	0.2%	0.15%	0.15%	0.15%	Thermal Shock	N/A	N/A	4 Hours at 215°C 419°F XLPE/XLPE 100N/25mm	4 Hours at 215°C 419°F XLPE/XLPE 70lbs/inch
Solvent Resistance								Solvent Resistance	Fair under splash conditions	Fair under splash conditions	Excellent for De-Icing and Hydraulic fluids, gasoline, and Lubricating Oil	Excellent
Saline	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Lap Shear	XLPE/Metal 44lbs at 23°C 73.4°F	XLPE/Metal 40lbs at 23°C 73.4°F	A/AI 700N at 23°C 73.4°F A/AI 1000N at 200°C 392°F	XLPE/Metal 55lbs 4 hours/215°C 419°F
Hydraulic Fluid	Good	Very Good	Very Good	Good	Good	Very Good	Good	Dynamic Shear	80lbs at 23°C 73.4°F	77lbs at 23°C 73.4°F	1500N at 23°C 73.4°F	120lbs at 23°C 73.4°F
Lubricating Oil	Good	Very Good	Very Good	Good	Good	Very Good	Good	Application	General Purpose	High Temperature compliments H material	Fluid resistant in harsh environments and elevated temperatures.	Excellent for fluid resistant applications
Aviation Fuel	Fair	Good	Very Good	Fair	Fair	Very Good	Fair					
Automotive Fuel	Fair	Good	Very Good	Fair	Fair	Very Good	Fair					
Diesel Fuel	Fair	Very Good	Fair	Fair	Fair	Very Good	Fair					
De-Icing Fluid	Very Good	Excellent	Excellent	Very Good	Very Good	Excellent	Very Good					



Call for PEI-Genesis Toll free 1-800-642-8750
 or visit us on the web at www.peigenesis.com

* Note allow 20% recovery for proper bonding of adhesive liner
 ** Other materials are also available. Please call to inquire.