

Thermofit Molded Parts
Specification Control Drawing

Part Number : 222A011 thru 096
Description : Boot, 90°

NOTES

1. All dimensions are in $\frac{\text{inches}}{[\text{millimeters}]}$ $\frac{\text{lbs}}{[\text{gms}]}$
2. Dimensions appearing in table are as follows:
a - As Supplied
b - After Unrestricted Recovery
3. Coating is optional. As supplied dimensions appearing in table are for uncoated parts. When coating is added, entry diameters will be reduced by .06 max.
4. Molding ports are optional. When -00 modification number is specified molding ports will be located as shown.

On sizes 222A011 and 222A021 the .18 diameter molding port at T will be eliminated. The .12 diameter molding port at U will be enlarged to .18.

5. Weight shown in table of dimensions is based on polyolefin part.

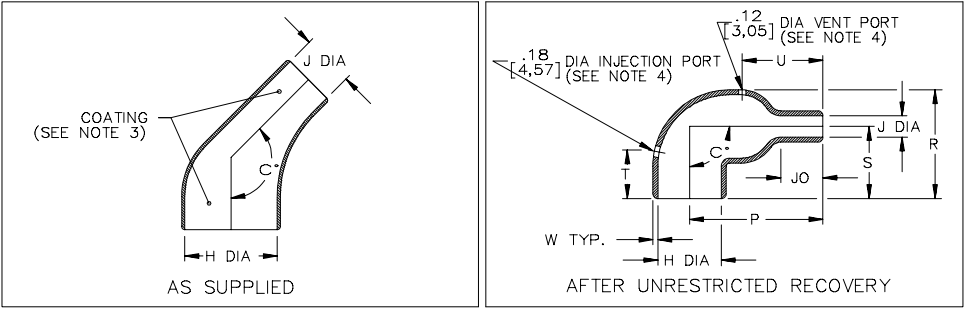


TABLE OF DIMENSIONS																
PART NUMBER	H		J		P	R	S	T	U	JO	W	C*		Weight	This Boot Fits	
	Min	Max	Min	Max	±10%	±10%	±10%	±20%	±20%	±10%	±20%	±10°	±5°		Nom	MIL-C-5015
	a	b	a	b	b	b	b	b	b	b	b	b	a	b	b	Shell Size
222A011	.42	.31	.33	.15	.68	.79	.60		.35	.17	.04	135°	90°	.002		6
	[10,7]	[7,9]	[8,4]	[3,8]	[17,3]	[20,1]	[15,2]		[8,9]	[4,3]	[1,02]			[0,9]		
222A021	.54	.41	.46	.22	.84	.89	.65		.58	.23	.05	135°	90°	.003		8
	[13,7]	[10,4]	[11,7]	[5,6]	[21,3]	[22,6]	[16,5]		[14,7]	[5,8]	[1,27]			[1,4]	8S,10S	
222A032	.76	.56	.56	.26	1.06	.95	.73	.75	.65	.28	.06	135°	90°	.006		10
	[19,3]	[14,2]	[14,2]	[6,6]	[26,9]	[24,1]	[18,5]	[19,1]	[16,5]	[7,1]	[1,52]			[2,7]	10SL,12S	
222A042	.94	.70	.61	.28	1.44	1.20	.81	.75	.98	.40	.07	135°	90°	.014		12,14
	[23,9]	[17,8]	[15,5]	[7,1]	[36,6]	[30,5]	[20,6]	[19,1]	[24,9]	[10,2]	[1,78]			[6,4]	14S,16S	
222A052	1.18	.88	.71	.33	1.72	1.38	.90	.75	1.18	.50	.07	135°	90°	.019		16
	[30,0]	[22,4]	[18,0]	[8,4]	[43,7]	[35,1]	[22,9]	[19,1]	[30,0]	[12,7]	[1,78]			[8,6]	18	
222A063	1.49	1.11	.84	.39	2.11	1.73	1.14	.75	1.30	.68	.08	135°	90°	.029		18,20
	[37,8]	[28,2]	[21,3]	[9,9]	[53,6]	[43,9]	[29,0]	[19,1]	[33,0]	[17,3]	[2,03]			[13,2]	20,22	
222A074	1.85	1.38	1.40	.62	3.07	2.08	1.32	1.00	2.10	1.26	.13	135°	90°	.077		22,24
	[47,0]	[35,1]	[35,6]	[15,7]	[78,0]	[52,8]	[33,5]	[25,4]	[53,3]	[32,0]	[3,30]			[34,9]	24,28	
222A085	2.34	1.75	1.72	.80	3.84	2.60	1.64	1.00	2.80	1.60	.15	135°	90°	.143		
	[59,4]	[44,5]	[43,7]	[20,3]	[97,5]	[66,0]	[41,7]	[25,4]	[71,1]	[40,6]	[3,81]			[64,9]	32,36	
222A096	3.20	2.25	2.19	1.05	5.04	3.12	1.90	1.00	3.45	2.22	.18	135°	90°	.310		
	[81,3]	[57,2]	[55,6]	[26,7]	[128,0]	[79,2]	[48,3]	[25,4]	[87,6]	[56,4]	[4,57]			[140,6]	40	

Raychem

RAYCHEM CORPORATION
300 CONSTITUTION DRIVE
MENLO PARK, CALIFORNIA 94025
(415) 361-6055

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COMPATABILITY CHART					
MATERIAL DASH NO.	MATERIAL DESCRIPTION	RT SPEC	COATING SLASH NO.	COATING S NO.	COATING DESCRIPTION
-3	Polyolefin, Semi-rigid	RT-301	/42; /86; /87	S-1017; S-1048; S-1052	Adhesive
-4	Polyolefin, Flexible	RT-1304	/42; /86; /87	S-1017; S-1048; S-1052	Adhesive
-5	Elastomer, Flexible	RT-501			
-6	Silicone	RT-602			
-8	Polyolefin, Space	RT-1308			
-12	*VITON, Flexible	RT-1312			
-25	Elastomer, Fluid Resistant	RT-1325	/42	S-1017	Adhesive

*VITON is a Registered Trademark of Dupont

ORDERING INFORMATION

222A0XX -XX -XX /XXX

Base part number _____

Material dash number _____
(See Compatability Chart)

Modification number _____
(If necessary, see front of scd binder
for a complete list)

Adhesive slash number _____
(If necessary, see Compatability Chart)

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