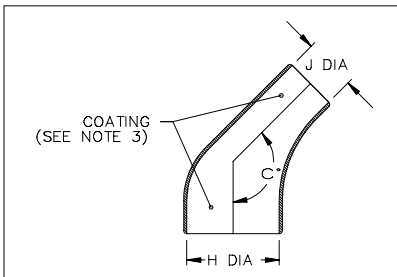
Thermofit® Molded Parts
Specification Control Drawing

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

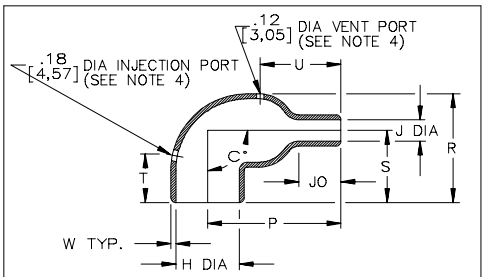
NOTES

1. All dimensions are in inches [millimeters] lbs [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.



AS SUPPLIED



AFTER UNRESTRICTED RECOVERY

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	MIL-C-26482
	a	b	a	b	b	b	b	b	b	b	b	a	b	b	Shell Size	Shell Size
222A011	.42 [10,7]	.31 [7,9]	.33 [8,4]	.15 [3,8]	.68 [17,3]	.79 [20,1]	.60 [15,2]	N/A	.35 [8,9]	.17 [4,3]	.04 [1,02]	135°	90°	.002 [0,9]	——	6
222A021	.54 [13,7]	.41 [10,4]	.46 [11,7]	.22 [5,6]	.84 [21,3]	.89 [22,6]	.65 [16,5]	N/A	.58 [14,7]	.23 [5,8]	.05 [1,27]	135°	90°	.003 [1,4]	8S,10S	8
222A032	.76 [19,3]	.56 [14,2]	.56 [14,2]	.26 [6,6]	1.06 [26,9]	.95 [24,1]	.73 [18,5]	.75 [19,1]	.65 [16,5]	.28 [7,1]	.06 [1,52]	135°	90°	.006 [2,7]	10SL,12S	10
222A042	.94 [23,9]	.70 [17,8]	.61 [15,5]	.28 [7,1]	1.44 [36,6]	1.20 [30,5]	.81 [20,6]	.75 [19,1]	.98 [24,9]	.40 [10,2]	.07 [1,78]	135°	90°	.014 [6,4]	14S,16S	12,14
222A052	1.18 [30,0]	.88 [22,4]	.71 [18,0]	.33 [8,4]	1.72 [43,7]	1.38 [35,1]	.90 [22,9]	.75 [19,1]	1.18 [30,0]	.50 [12,7]	.07 [1,78]	135°	90°	.019 [8,6]	18	16
222A063	1.49 [37,8]	1.11 [28,2]	.84 [21,3]	.39 [9,9]	2.11 [53,6]	1.73 [43,9]	1.14 [29,0]	.75 [19,1]	1.30 [33,0]	.68 [17,3]	.08 [2,03]	135°	90°	.029 [13,2]	20,22	18,20
222A074	1.85 [47,0]	1.38 [35,1]	1.40 [35,6]	.62 [15,7]	3.07 [78,0]	2.08 [52,8]	1.32 [33,5]	1.00 [25,4]	2.10 [53,3]	1.26 [32,0]	.13 [3,30]	135°	90°	.077 [34,9]	24,28	22,24
222A085	2.34 [59,4]	1.75 [44,5]	1.72 [43,7]	.80 [20,3]	3.84 [97,5]	2.60 [66,0]	1.64 [41,7]	1.00 [25,4]	2.80 [71,1]	1.60 [40,6]	.15 [3,81]	135°	90°	.143 [64,9]	32,36	——
222A096	3.20 [81,3]	2.25 [57,2]	2.19 [55,6]	1.05 [26,7]	5.04 [128,0]	3.12 [79,2]	1.90 [48,3]	1.00 [25,4]	3.45 [87,6]	2.22 [56,4]	.18 [4,57]	135°	90°	.310 [140,6]	40	——

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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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