

# Thermofit<sup>®</sup> Molded Parts

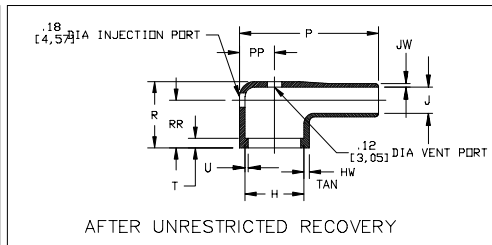
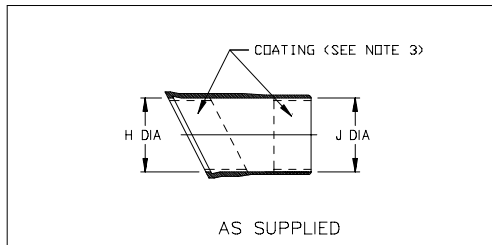
## Specification Control Drawing

### Limited Distribution

Part Number : 222D2XX-X-16  
 Description : Boot, 90°, With Lip

#### NOTES

- All dimensions are in  $\frac{\text{inches}}{\text{millimeters}}$
- Dimensions appearing in table are as follows:
  - a - As Supplied
  - b - After Unrestricted Recovery
- 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.
- Molding ports are required. And will be located as shown.



PART NUMBER	TABLE OF DIMENSIONS												
	H		J			P	R	T	U	PP	RR	HW	JW
	Min	Max	Min	Min	Max	±10%	Ref	Ref	Ref	±10%	±10%	±20%	±20%
	a	b	a	a	b	b	b	b	b	b	b	b	b
222D211-X-16	.88 [22,4]	.45 [11,4]	.88 [22,4]	.55 [14,0]	.25 [6,4]	1.75 [44,5]	.73 [18,5]	.12 [3,05]	.04 [1,02]	.27 [6,9]	.49 [12,4]	.06 [1,52]	.045 [1,14]
222D221-X-16	1.01 [25,7]	.59 [15,0]	1.01 [25,7]	.63 [16,0]	.29 [7,4]	2.10 [53,3]	.78 [19,8]	.12 [3,05]	.04 [1,02]	.33 [8,4]	.59 [15,0]	.06 [1,52]	.045 [1,14]
222D232-X-16	1.16 [29,5]	.74 [18,8]	1.16 [29,5]	.72 [18,3]	.33 [8,4]	2.65 [67,3]	.82 [20,8]	.12 [3,05]	.04 [1,02]	.41 [10,4]	.61 [15,5]	.07 [1,78]	.045 [1,14]
222D242-X-16	1.34 [34,0]	.90 [22,9]	1.34 [34,0]	.84 [21,3]	.38 [9,7]	3.10 [78,7]	.86 [21,8]	.12 [3,05]	.04 [1,02]	.48 [12,2]	.62 [15,7]	.07 [1,78]	.045 [1,14]
222D253-X-16	1.47 [37,3]	1.16 [29,5]	1.47 [37,3]	.91 [23,1]	.41 [10,4]	3.50 [88,9]	.96 [24,4]	.12 [3,05]	.065 [1,65]	.61 [15,5]	.70 [17,8]	.08 [2,03]	.045 [1,14]
222D263-X-16	1.72 [43,7]	1.34 [34,0]	1.72 [43,7]	1.07 [27,2]	.48 [12,2]	4.25 [108,0]	1.08 [27,4]	.12 [3,05]	.065 [1,65]	.72 [18,3]	.78 [19,8]	.08 [2,03]	.045 [1,14]
222D274-X-16	1.97 [50,0]	1.62 [41,1]	1.97 [50,0]	1.24 [31,5]	.56 [14,2]	4.70 [119,4]	1.16 [29,5]	.12 [3,05]	.065 [1,65]	.83 [21,1]	.82 [20,8]	.09 [2,29]	.055 [1,40]
222D285-X-16	2.47 [62,7]	1.85 [47,0]	2.47 [62,7]	1.54 [39,1]	.69 [17,5]	4.80 [121,9]	1.31 [33,3]	.12 [3,05]	.08 [2,03]	.95 [24,1]	.92 [23,4]	.10 [2,54]	.055 [1,40]
222D296-X-16	2.73 [69,3]	2.35 [59,7]	2.73 [69,3]	1.70 [43,2]	.77 [19,6]	4.90 [124,5]	1.38 [35,1]	.12 [3,05]	.08 [2,03]	1.18 [30,0]	.93 [23,6]	.10 [2,54]	.055 [1,40]
222D299-X-16	3.22 [81,8]	2.64 [67,1]	3.22 [81,8]	2.01 [51,1]	.90 [22,9]	5.00 [127,0]	1.75 [44,5]	.12 [3,05]	.08 [2,03]	1.31 [33,3]	1.23 [31,2]	.10 [2,54]	.055 [1,40]



RAYCHEM CORPORATION  
 300 CONSTITUTION DRIVE  
 MENLO PARK, CALIFORNIA 94025

Revision : A  
 Date : 6/9/99

Part Number : 222D2XX-X-16  
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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	S-1017, S-1048	Adhesive
-4	Polyolefin, Flexible	RT-1304	/42, /86	S-1017, S-1048	Adhesive
-12	*VITON, Flexible	RT-1312	N/A		
-25	Elastomer, Fluid Resistant	RT-1325	/42, /86	S-1017, S-1048	Adhesive

\*VITON is a Registered Trademark of Dupont

#### ORDERING INFORMATION

222D2XX -X- 16 /42

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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CAD FILE MP99116