Thermofit® Molded Parts
Specification Control Drawing

NOTES

1. All dimensions are in $\dfrac{\text{inches}}{[\text{millimeters}]}$; $\dfrac{\text{lbs}}{[\text{gms}]}$

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.

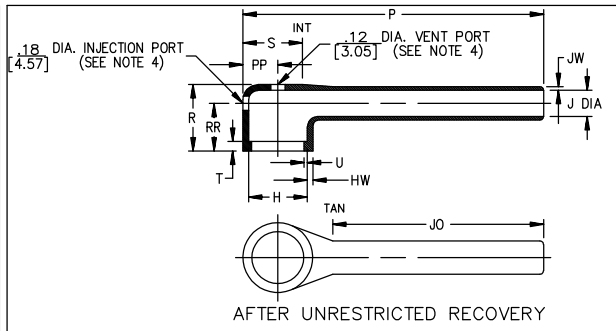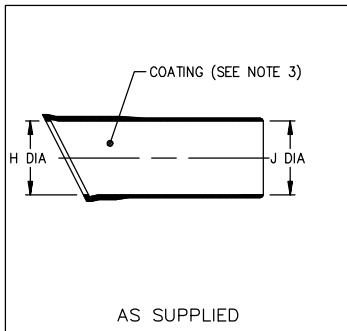5. Weight shown in table of dimensions is based on polyolefin part.

COATING (SEE NOTE 3)

H DIA   J DIA

AS SUPPLIED

.18 DIA. INJECTION PORT [4.57] (SEE NOTE 4)
.12 DIA. VENT PORT [3.05] (SEE NOTE 4)
INT   P   S   PP   JW   J DIA
R   RR   U   HW   TAN   JO   T   H

AFTER UNRESTRICTED RECOVERY

TABLE OF DIMENSIONS

PART NUMBER	H Min	H Max	J Min –3,–4,–25	J Min –5,–6,–8 –12,–100	J Max	P ±10%	R Ref	S Ref	T Ref	U Ref	JO ±10%	PP ±10%	RR ±10%	HW ±20%	JW ±20%	Weight Nom
	a	b	a	a	b	b	b	b	b	b	b	b	b	b	b	b
222D211	.88 [22,4]	.45 [11,4]	.88 [22,4]	.55 [14,0]	.25 [6,4]	4.14 [105,2]	.73 [18,5]	.47 [11,9]	.12 [3,05]	.04 [1,02]	3.45 [87,6]	.27 [6,9]	.49 [12,4]	.06 [1,52]	.045 [1,14]	.01 [5,0]
222D221	1.01 [25,7]	.59 [15,0]	1.01 [25,7]	.63 [16,0]	.29 [7,4]	4.88 [124,0]	.78 [19,8]	.60 [15,2]	.12 [3,05]	.04 [1,02]	3.90 [99,1]	.33 [8,4]	.59 [15,0]	.06 [1,52]	.045 [1,14]	.02 [9,0]
222D232	1.16 [29,5]	.74 [18,8]	1.16 [29,5]	.72 [18,3]	.33 [8,4]	5.76 [146,3]	.82 [20,8]	.75 [19,1]	.12 [3,05]	.04 [1,02]	4.50 [114,3]	.41 [10,4]	.61 [15,5]	.07 [1,78]	.045 [1,14]	.02 [9,0]
222D242	1.34 [34,0]	.90 [22,9]	1.34 [34,0]	.84 [21,3]	.38 [9,7]	6.78 [172,2]	.86 [21,8]	.90 [22,9]	.12 [3,05]	.04 [1,02]	5.22 [132,6]	.48 [12,2]	.62 [15,7]	.07 [1,78]	.045 [1,14]	.03 [14,0]
222D253	1.47 [37,3]	1.16 [29,5]	1.47 [37,3]	.91 [23,1]	.41 [10,4]	7.29 [185,2]	.96 [24,4]	1.15 [29,2]	.12 [3,05]	.065 [1,65]	5.66 [143,8]	.61 [15,5]	.70 [17,8]	.08 [2,03]	.045 [1,14]	.03 [14,0]
222D263	1.72 [43,7]	1.34 [34,0]	1.72 [43,7]	1.07 [27,2]	.48 [12,2]	8.41 [213,6]	1.08 [27,4]	1.32 [33,5]	.12 [3,05]	.065 [1,65]	6.66 [169,2]	.72 [18,3]	.78 [19,8]	.08 [2,03]	.045 [1,14]	.05 [24,0]
222D274	1.97 [50,0]	1.62 [41,1]	1.97 [50,0]	1.24 [31,5]	.56 [14,2]	8.84 [224,5]	1,16 [29,5]	1.59 [40,4]	.12 [3,05]	.065 [1,65]	6.82 [173,2]	.83 [21,1]	.82 [20,8]	.09 [2,29]	.055 [1,40]	.10 [46,0]
222D285	2.47 [62,7]	1.85 [47,0]	2.47 [62,7]	1.54 [39,1]	.69 [17,5]	8.95 [227,3]	1.31 [33,3]	1.81 [46,0]	.12 [3,05]	.08 [2,03]	6.62 [168,1]	.95 [24,1]	.92 [23,4]	.10 [2,54]	.055 [1,40]	.10 [46,0]
222D296	2.73 [69,3]	2.35 [59,7]	2.73 [69,3]	1.70 [43,2]	.77 [19,6]	9.19 [233,4]	1.38 [35,1]	2.28 [57,9]	.12 [3,05]	.08 [2,03]	6.19 [157,2]	1.18 [30,0]	.93 [23,6]	.10 [2,54]	.055 [1,40]	.10 [46,0]
222D299	3.22 [81,8]	2.64 [67,1]	3.22 [81,8]	2.01 [51,1]	.90 [22,9]	9.33 [237,0]	1.75 [44,5]	2.55 [64,8]	.12 [3,05]	.08 [2,03]	5.95 [151,1]	1.31 [33,3]	1.23 [31,2]	.10 [2,54]	.055 [1,40]	.11 [48,0]

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300 CONSTITUTION DRIVE
MENLO PARK, CALIFORNIA 94025
(415) 361–6055

Revision : R
Date : 20APR11
Part Number : 222D211 thru 299
Description : Boot, 90°, With Lip

Thermofit® Molded Parts
Specification Control Drawing

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; /180	S–1017;S–1048;S–1052;S–1030	Adhesive
–4	Polyolefin, Flexible	RT–1304	/42; /86; /87; /180	S–1017;S–1048;S–1052;S–1030	Adhesive
–5	Elastomer, Flexible	RT–501	N/A		
–6	Silicone	RT–602	N/A		
–8	Polyolefin, Space	RT–1308	N/A		
–12	*VITON, Flexible	RT–1312	N/A		
–25	Elastomer, Fluid Resistant	RT–1325	/42; /86	S–1017;S–1048	Adhesive
–100	Polyolefin, Semi–flexible ZEROHAL™	RT–1323	/184	S–1030	Adhesive

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ORDERING INFORMATION

222D2XX   –X   –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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CAD FILE MP92422

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