

NOTES:

1. ALL DIMENSIONS ARE IN $\frac{\text{INCHES}}{[\text{MILLIMETERS}]}$; $\frac{\text{LBS}}{[\text{GRAMS}]}$

2. DIMENSIONS APPEARING IN TABLE ARE AS FOLLOWS:

- a AS SUPPLIED
- b AFTER UNRESTRICTED RECOVERY

△ COATING (ADHESIVE) 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 OPTIONAL. WHEN -00 MODIFICATION NUMBER IS SPECIFIED MOLDING PORTS WILL BE LOCATED AS SHOWN.

ON SIZES 222A111 AND 222A121 THE 0.18 INCH DIAMETER MOLDING PORT AT "T" WILL BE ELIMINATED. THE 0.12" DIA MOLDING PORT WILL BE ENLARGED TO 0.18 INCHES

5. WEIGHT SHOWN IN TABLE OF DIMENSIONS IS BASED ON POLYOLEFIN PART

6. ORDERING INFORMATION 222A1XX -XX -XX /XXX /0

- BASE PART NUMBER _____
- MATERIAL DASH NUMBER _____
- 3 POLYOLEFIN, SEMI RIGID (RT-301)
 - 4 POLYOLEFIN, FLEXIBLE (RT-1304)
 - 5 ELASTOMER, FLEXIBLE (RT-501)
 - 6 SILICONE (RT-602)
 - 12 FLUORO ELASTOMER, FLEXIBLE (RT-1312)
 - 25 ELASTOMER, FLUID RESISTANT (RW-2070)
 - 100 POLYOLEFIN, SEMI-FLEXIBLE ZEROHAL (RT-1323)

MODIFICATION NUMBER _____

ADHESIVE SLASH NUMBER _____
SEE COMPATIBILITY CHART BELOW

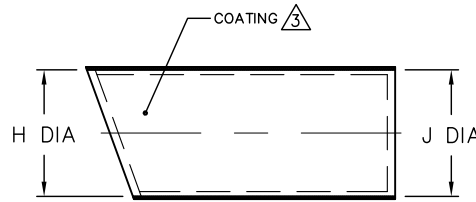
COLOR DESIGNATOR _____

IF THIS DOCUMENT IS PRINTED IT BECOMES UNCONTROLLED. CHECK FOR THE LATEST REVISION.

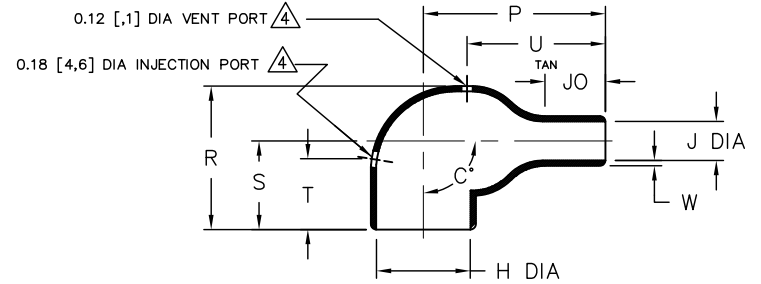
COMPATIBILITY CHART

MATERIAL DASH NO.	ADHESIVE (COATING) SLASH NO.	ADHESIVE (COATING) S NO.
-3; -4	/42; /86	S-1017; S-1048;
-5	/42	S-1017
-6; -12	NOT APPLICABLE	N/A
-25	/42; /86; /225	S-1017; S-1048; S-1206
-100	/86; /180; /184	S-1017; S-1030

REVISIONS		
LTR	DESCRIPTION	DATE
V	REVISED PER ECO-15-010088	07/01/15



AS SUPPLIED



AFTER UNRESTRICTED RECOVERY

PART DESCRIPTION	H		J			P	R	S	T	U	JO	W	C*		WEIGHT REF
	MIN	MAX	MIN	MIN	MAX	±10%	±10%	±10%	±10%	±10%	±10%	±20%	±10%	±5%	
	-3,-4,-5,-6 -12,-25,-100 a	b	-3,-4 -6,-25 a	-5,-12 -100 a	b	b	b	b	b	b	b	b	a	b	
222A111	.70 [17,8]	.31 [7,9]	.70 [17,8]	.39 [9,9]	.15 [3,8]	.68 [17,3]	.79 [20,1]	.61 [15,5]	N/A	.45 [11,4]	.17 [4,3]	.04 [1,02]	180	90	.002 [0,91]
222A121	.98 [24,9]	.40 [10,2]	.98 [24,9]	.71 [18,0]	.21 [5,3]	.84 [21,3]	.89 [22,6]	.65 [16,5]	N/A	.58 [14,7]	.23 [5,8]	.05 [1,3]	180	90	.003 [1,36]
222A132	1.18 [30,0]	.56 [14,2]	1.18 [30,0]	.81 [20,6]	.25 [6,4]	1.06 [26,9]	1.05 [26,7]	.73 [18,5]	.75 [19,1]	.70 [17,8]	.28 [7,1]	.06 [1,5]	180	90	.006 [2,72]
222A142	1.28 [32,5]	.68 [17,3]	1.28 [32,5]	.90 [22,9]	.27 [6,9]	1.44 [36,6]	1.20 [30,5]	.81 [20,6]	.75 [19,1]	.98 [24,9]	.40 [10,2]	.07 [1,8]	180	90	.014 [6,35]
222A152	1.42 [36,1]	.86 [21,8]	1.42 [36,1]	1.04 [26,4]	.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 [1,8]	180	90	.019 [8,62]
222A163	1.73 [43,9]	1.08 [27,4]	1.73 [43,9]	1.08 [27,4]	.37 [9,4]	2.11 [53,6]	1.73 [43,9]	1.15 [29,2]	.75 [19,1]	1.34 [34,0]	.68 [17,3]	.08 [2,0]	180	90	.029 [13,15]
222A174	2.09 [53,1]	1.33 [33,8]	2.09 [53,1]	1.84 [46,7]	.59 [15,0]	2.98 [75,7]	2.08 [52,8]	1.34 [34,0]	1.00 [25,4]	2.10 [53,3]	1.26 [32,0]	.13 [3,3]	180	90	.077 [34,93]
222A185	2.66 [67,6]	1.74 [44,2]	2.66 [67,6]	2.14 [54,4]	.80 [20,3]	3.84 [97,5]	2.60 [66,0]	1.66 [42,2]	1.00 [25,4]	2.80 [71,1]	1.60 [40,6]	.15 [3,8]	180	90	.143 [64,86]
222A196	3.45 [87,6]	2.18 [55,4]	3.45 [87,6]	2.48 [63,0]	.92 [23,4]	5.04 [128,0]	3.12 [79,2]	1.93 [49,0]	1.00 [25,4]	3.45 [87,6]	2.22 [56,4]	.18 [4,6]	180	90	.310 [140,6]

CUSTOMER DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE INCHES. METRIC DIMENSIONS ARE IN BRACKETS. DECIMAL TOLERANCES .XXX ± 0.005 [0.13 mm] .XX ± 0.01 [0.25 mm] .X ± 0.1 [0.50 mm] ANGLE TOLERANCE .X ± 1 DEG.	DRAWN YUNGUYEN	Raychem Molded Parts 305 Constitution Dr Menlo Park, CA 94025	
	APPROVED DHURRELL		TITLE BOOT, 90 DEGREE, THIN WALL
	THIRD ANGLE PROJECTION		SIZE B CODE IDENT. NO. 06090 DWG. NO. 222A111thru196

DO NOT SCALE THIS DRAWING SHEET 1 OF 1

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