Polymer Technologies Inc.

Engineering Sound Solutions<sup>™</sup>

**Elastomeric Solutions Division** 



# Attributes

- Single bonded design
- Low profile design
- Low cost and easy to install
- Fail safe when using a snubbing washer
- Axial and radial isolation

#### SNUBBING WASHERS

#### Technical Data Sheet Materials Specifications For:

**Centerbond Series** 

### Applications

- Engine mounts
- Cab mounts
- Radiator mounts
- Pumps
- Air Compressors

### Load Range

- EP2001 = load ratings to 160 lbs. max.
- EP2002 = load ratings to 520 lbs. max.
- EP2003 = load ratings to 720 lbs. max.
- EP2004 = load ratings to 720 lbs. max.
- EP2005 = load ratings to 1100 lbs. max.
- EP2006 = load ratings to 1500 lbs. max.
- EP2007 = load ratings to 2400 lbs. max.
- EP2012 = load ratings to 300 lbs. max.

PART NUMBER	O.D″	I.D″	THICKNESS"	MATERIAL	FINISH	CENTERBOND PART NUMBER
SW-1120-0400-0125-SZ	1.12″	.400″	.125‴	1010-1020 CRS	Clear Zinc	EP2001
SW-1500-0520-0125-SZ	1.50″	.520″	.125″	1010-1020 CRS	Clear Zinc	EP2002, EP2012-01 THRU EP2012-04
SW-1700-0625-0125-SZ	1.70″	.625″	.125″	1010-1020 CRS	Clear Zinc	EP2003
SW-1700-0650-0125-SZ	1.70″	.650″	.125″	1010-1020 CRS	Clear Zinc	EP2004
SW-2500-0650-0190-SZ	2.50″	.650″	.190″	1010-1020 CRS	Clear Zinc	EP2005, EP2006
SW-2700-0800-0190-SZ	2.70″	.80″	.190″	1010-1020 CRS	Clear Zinc	EP2007
SW-1500-0375-0125-SZ	1.50″	.375″	.125″	1010-1020 CRS	Clear Zinc	EP2012-11 thru EP2012-14

# **Specifications**

- Resilient Element—Natural Rubber or Neoprene
- Standard materials— Steel

# **Elastomeric Data**

- Natural Rubber elastomer has an operating temperature range of  $-25^{\circ}$ F to  $+160^{\circ}$ F ( $-37^{\circ}$ C to  $+70^{\circ}$ C).
- Neoprene elastomer is also available.

Specifications subject to change without notice. Check with factory for latest revisions. The Federal Trade Commission considers no existing test methods or standards regarding flammability as accurate indictors of the performance of cellular plastic materials under actual fire conditions. Results of existing test methods, such as UL-94, MVSS-302, SAE J-369, and FAR 25.853 are intended only as measurements of the performance of such materials under specific controlled test conditions. Any flammability ratings shown are not intended to reflect hazards presented by these materials under actual fire conditions. The information contained herein is based on laboratory test data developed for PTI and is believed to be reliable, but its accuracy or completeness is not guaranteed. The buyer must test any product to determine the suitability for h is specific application before use. PTI DISCLAIMS ANY RESPONSIBILITY FOR: 1) WARRANTIES OF FITNESS AND PURPOSE, 2) VERBAL RECOMMENDATIONS, 3) CONSEQUENTIAL DAMAGES FROM USE AND 4) VIOLATION OF ANY PATENTS OF TRADEMARKS HELD BY OTHERS.



#### **Technical Data Sheet Materials Specifications For:**

**Elastomeric Solutions Division** 

**Centerbond Series** 

PART NUMBER	MAX LOAD	AXIAL SPRING RATE (lbs./in.)	Α	В	С	D	E (MIN)	F (MIN)	G	н	I	1	R (MIN)
EP2001-01	30	1,000											
EP2001-02	50	2,000			0.69	0.40	1.25		0.81	0.75	1.09	0.80	0.06
EP2001-03	80	4,200	0.31	0.22				1.10					
EP2001-04	140	9,750											
EP2001-11	45	1,800											
EP2001-12	75	3,000		0.22	0.62	0.40	1.25	1.10	0.81	0.75	1.09	1.02	
EP2001-13	125	5,000	0.31										0.06
EP2001-14	160	6,400											
EP2002-01	130	2,000											
EP2002-02	190	3,875		0.38	1.00	0.47	2.00	1.50	1.24	1.12	1.75	1.25	0.06
EP2002-03	300	7,500	0.41										
EP2002-04	520	15,500											
EP2002-11	130	2,000		0.38	1.00	0.52	2.00	1.50	1.24	1.12	1.75	1.25	
EP2002-12	190	3,875											
EP2002-13	300	7,500	0.41										0.06
EP2002-14	520	15,500											
EP2003-01	230	3,400											
EP2003-02	360	6,000		0.53	1.00	0.53	2.25	1.70	1.35	1.25	2.00	1.25	0.06
EP2003-03	520	10,600	0.50										
EP2003-04	720	18,200											
EP2003-11	230	3,400											
EP2003-12	360	6,000			1.00	.625	2.25	1.70	1.35	1.25	2.00	1.25	
EP2003-13	520	10,600	0.50	0.53									0.06
EP2003-14	720	18,200											
EP2004-01	230	3,400		0.53	1.38	0.53	2.25	1.70	1.35	1.25	2.00		
EP2004-02	360	6,000											
EP2004-03	520	10,600	0.62									1.61	0.06
EP2004-04	720	18,200											
EP2004-11	230	3,400											
EP2004-12	360	6,000		0.53	1.38	0.64	2.25	1.70	1.35	1.25	2.00	1.61	
EP2004-13	520	10,600	0.62										0.06
EP2004-14	720	18,200											

Specifications subject to change without notice. Check with factory for latest revisions. The Federal Trade Commission considers no existing test methods or standards regarding flammability as accurate indictors of the performance of cellular plastic materials under actual fire conditions. Results of existing test methods, such as UL-94, MVSS-302, SAE J-369, and FAR 25.853 are intended only as measurements of the performance of such materials under specific controlled test conditions. Any flammability ratings shown are not intended to reflect hazards presented by these materials under actual fire conditions. The information contained herein is based on laboratory test data developed for PTI and is believed to be reliable, but its accuracy or completeness is not guaranteed. The buyer must test any product to determine the suitability for h is specific application before use. PTI DISCLAIMS ANY RESPONSIBILITY FOR: 1) WARRANTIES OF FITNESS AND PURPOSE, 2) VERBAL RECOMMENDATIONS, 3) CONSEQUENTIAL DAMAGES FROM USE AND 4) VIOLATION OF ANY PATENTS OF TRADEMARKS HELD BY OTHERS.



#### **Technical Data Sheet Materials Specifications For:**

**Elastomeric Solutions Division** 

**Centerbond Series** 

PART NUMBER	MAX LOAD	AXIAL SPRING RATE (lbs./in.)	Α	В	С	D	E (MIN)	F (MIN)	G	н	I	J	R (MIN)
EP2005-01	400	4,450											
EP2005-02	540	7,500		0.00	1.75	0.64	2.85	2.20	1.61	1.50	2.50	2.00	0.06
EP2005-03	750	12,900	0.75	0.62									
EP2005-04	1100	22,000											
EP2006-01	600	5,200											
EP2006-02	800	9,400	0.02	0.71	2.00	0.64	3.50	2.50	1.96	1.81	2.97	2.22	0.12
EP2006-03	1100	15,000	0.93										
EP2006-04	1500	23,500											
EP2007-01	950	6,500											
EP2007-02	1300	10,700	0.75	0.94	2.12	0.77	4.25	2.70	2.20	2.00	3.68	2.50	0.12
EP2007-03	1850	18,500											
EP2007-04	2400	26,700											
EP2012-01	60	660											
EP2012-02	100	1.112	.38	.55	1.07	.41	1.50	1.50	.95	.875	1.25	1.44	.06
EP2012-03	200	2,230											
EP2012-04	300	3,300											
EP2012-11	60	660											
EP2012-12	100	1,112	.38 .55		5 1.07	.34	1.50	1.50	.95	.875	1.25	1.44	.06
EP2012-13	200	2,230		.55									
EP2012-14	300	3,300											
EBOUND WASHER													

Specifications subject to change without notice. Check with factory for latest revisions. The Federal Trade Commission considers no existing test methods or standards regarding flammability as accurate indictors of the performance of cellular plastic materials under actual fire conditions. Results of existing test methods, such as UL-94, MVSS-302, SAE J-369, and FAR 25.853 are intended only as measurements of the performance of such materials under specific controlled test conditions. Any flammability ratings shown are not intended to reflect hazards presented by these materials under actual fire conditions. The information contained herein is based on laboratory test data developed for PTI and is believed to be reliable, but its accuracy or completeness is not guaranteed. The buyer must test any product to determine the suitability for h is specific application before use. PTI DISCLAIMS ANY RESPONSIBILITY FOR: 1) WARRANTIES OF FITNESS AND PURPOSE, 2) VERBAL RECOMMENDATIONS, 3) CONSEQUENTIAL DAMAGES FROM USE AND 4) VIOLATION OF ANY PATENTS OF TRADEMARKS HELD BY OTHERS.