

# MISSION EPDM 90 Degree Rubber Elbows



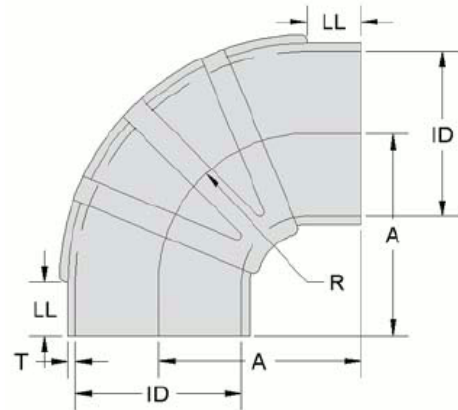
## Features & Benefits

- Specifically formulated EPDM compound.
- Available in nitrile and chloroprene and silicone compounds.
- Vacuum collapse rating exceeds 4" Hg. mercury.
- Recommended for temperatures: -60°F to +300°F duty.
- Complies with physical properties requirements of ASTM D2000 3BA715A14B13C12F17. 70 ±5 Shore A Hardness
- 1500 PSI Tensile, minimum. 250% Elongation, minimum.
- Air Age, 70 Hrs. at 100° C. Durometer Change, +10, maximum.
- Tensile Change, -25%, maximum.
- Elongation Change, -25%, maximum.
- Comp. Set, Method B, at 70° C. 25% maximum.
- Ozone Resistance, D1171, Method B, Quality Retention Rating: 100%
- Low Temp. Brittleness, D2137, Method A. Non Brittle after 3 Minutes at -40° C.



## MISSION EPDM 90° Rubber Elbows

Part #	ID	A	LL	R	T
RL290	2	3.5	1.5	2	0.2
RL2590	2.5	4	1.5	2.5	0.25
RL390	3	5.25	1.5	3.75	0.25
RL3590	3.5	5.5	2	3.5	0.25
RL490	4	5.75	1.25	4.5	0.25
RL4590	4.5	5.5	2	3.5	0.25
RL590	5	6.12	1.62	4.5	0.25
RL5590	5.5	6.5	1.75	4.75	0.25
RL690	6	6.75	1.75	5	0.25
RL690SR	6	5	1.62	3.5	0.25
RL790	7	7.44	2	5.56	0.31
RL890	8	8.5	2	6.5	0.37
RL1090	10	10.5	2	8.5	0.37



## MISSION EPDM 90° Reducing Rubber Elbows

Part #	ID1	ID2	A	B	LL1	LL2	R	T
RL5490	5	4	5.75	6	1.75	1.75	3.75	0.25
RL6590	6	5	7	6	1.75	1.75	4.25	0.25
RL6590SR	6	5	4.75	4.75	1.25	1.75	3.5	0.25
RL65590SR	6	5.5	5	5	1.38	1.63	3.5	0.25
RL65590	6	5.5	6.7	6.7	1.5	1.75	5	0.25
RL7590	7	5	7	6.25	2.74	1.75	4.25	0.25
RL75590	7	5.5	5.75	6.25	1.5	1.5	3.68	0.31
RL7690	7	6	7.5	8.88	3	4.5	4.38	0.38



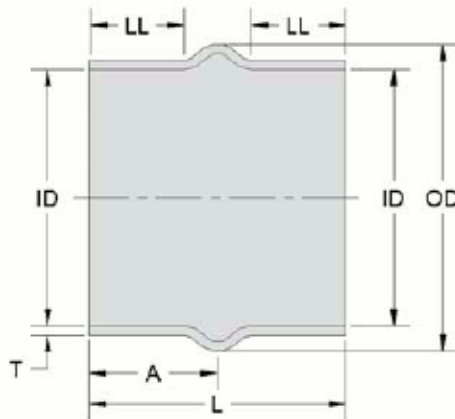
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## MISSION EPDM Hump Hose Reducers

Part #	ID1	ID2	L	A	LL1	LL2	OD	T
HHR325	3	2.5	4.5	2.25	1.6	1.51	4.25	0.25
HHR353	3.5	3	5	2.50	1.79	1.75	5.00	.25
HHR43	4	3	5.25	2.63	1.94	1.88	5.38	0.25
HHR435	4	3.5	5.25	2.63	1.94	1.88	5.38	0.25
HHR54	5	4	6	3	2.13	1.81	6.25	0.25
HHR554	5.5	4	6	3	2.13	1.88	7	0.25
HHR555	5.5	5	6	3	2.13	1.88	7	0.25
HHR65	6	5	6	3	2.13	1.88	7.5	0.25
HHR655	6	5.5	6	3	2.13	1.88	7.5	0.25
HHR75	7	5	7	3.5	2.5	2.28	8.5	0.25
HHR755	7	5.5	7	3.5	2.5	2.28	8.5	0.25
HHR76	7	6	6	2.75	2.25	1.53	8.5	0.25
HHR855	8	5.5	7.05	3.5	2.5	2.25	9.6	0.25
HHR86	8	6	6	3	2	1.75	9.6	0.25
HHR87	8	7	6	3	2	1.78	9.5	0.25



## MISSION EPDM Hump Hoses

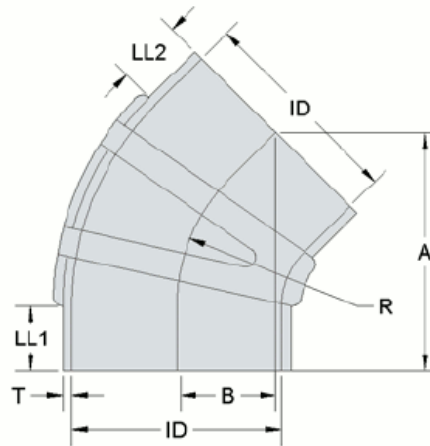
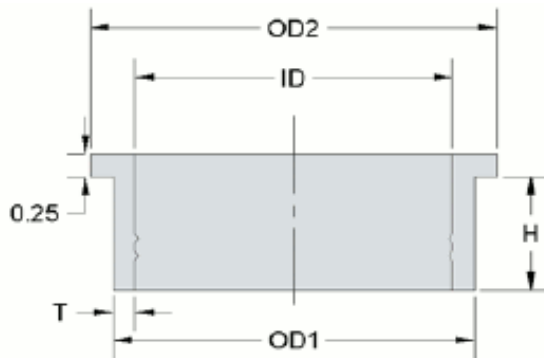
Part #	ID	L	A	LL	OD	T
HH25	2.5	3.5	1.75	1.1	3.65	0.2
HH3	3	5.25	2.62	1.87	4.5	0.25
HH35	3.5	5.25	2.62	1.92	5	0.25
HH4	4	5.25	2.63	2	5.25	0.25
HH45	4.5	6	3	2.32	5.88	0.25
HH5	5	6	3	2.25	6.1	0.25
HH55	5.5	6	3	2.13	7	0.25
HH6	6	6	3	2.25	7.38	0.25
HH7	7	7	3.5	2.58	8.3	0.25
HH8	8	8	4	2.86	10	0.28
HH10	10	6	3	1.67	12.2	0.25



## MISSION EPDM 45 Degree Rubber Elbows



Part #	ID	A	B	LL1	LL2	R	T
RL245	2	4	1.65	1.52	1.51	2	0.2
RL2545	2.5	4.31	1.79	1.5	1.48	2.5	0.2
RL345	3	5.5	2.28	1.6	1.6	3.75	0.25
RL3545	3.5	5	1.88	1.68	1.2	3.5	0.25
RL445	4	5.5	2.34	1.46	1.46	4.25	0.25
RL4545	4.5	5.03	2.08	1.5	1.5	3.5	0.25
RL545	5	5.5	2.28	1.36	1.36	4.5	0.25
RL5545	5.5	6.25	2.6	1.7	1.7	4.75	0.25
RL645	6	6.5	2.69	1.74	1.74	5	0.25
RL745	7	8	3.31	2.34	2.34	5.56	0.31
RL845	8	8.06	3.34	2.03	2.03	6.5	0.37
RL1045	10	10.5	4.35	2.63	2.63	8.5	0.37



## MISSION EPDM Inserts

Part #	ID	OD1	OD2	H	T
7-4375	3.75	4	4.5	1.5	0.13
7-4524	4	4.5	5	1.5	0.25
7-524	4	5	5.5	1.5	0.5
7-5245	4.5	5	5.5	1.5	0.25
7-5524	4	5.5	6	1.5	0.75
7-5525	5	5.5	6	1.5	0.25
7-625	5	6	6.5	1.5	0.5
7-6255	5.5	6	6.5	1.5	0.25
7-726	6	7	7.5	1.5	0.5
7-827	7	8	8.5	1.5	0.5



All Mission EPDM products are designed to meet unique transition requirements in air intake systems that require articulation or vibration isolation.



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## MISSION EPDM Straight Rubber Joiners

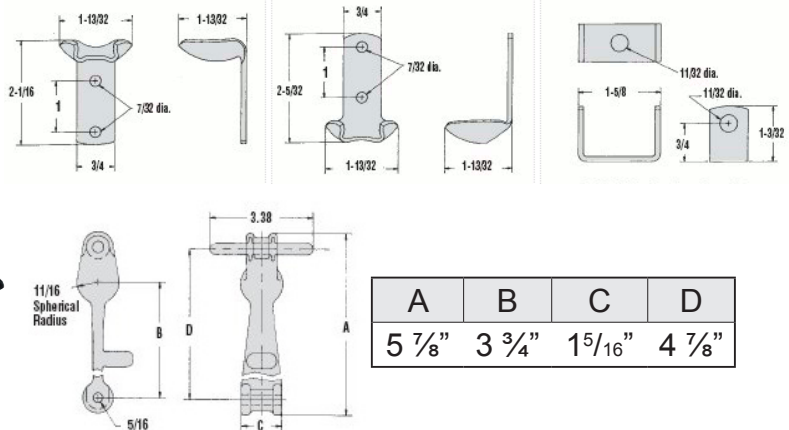


Part #	ID	OD	L	T
<b>S200X250</b>	2.00	2.50	2.50	0.19
<b>S200X900</b>	2.00	2.38	9.00	0.19
<b>S300X300</b>	3.00	3.38	3.00	0.19
<b>S400X350</b>	4.00	4.50	3.50	0.25
<b>S400X510</b>	4.00	4.50	5.10	0.25
<b>S500X350</b>	5.00	5.50	3.50	0.25
<b>S550X400</b>	5.50	6.00	4.00	0.25
<b>S600X350</b>	6.00	6.50	3.50	0.25
<b>S700X350</b>	7.00	7.50	3.50	0.25
<b>S800X350</b>	8.00	8.50	3.50	0.25
<b>S900X350</b>	9.00	9.50	3.50	0.25



## MISSION EPDM Hold Down Kits

Type	Zinc Kit	Chrome Kit	Rubber Hold Down Only
Std Top Bracket	<b>7001125</b>	<b>7001256</b>	<b>7001126</b>
Rev Top Bracket	<b>7001213</b>		<b>7001126</b>



## EPDM Clamp Guide

Clamp Part #	Diameter Ranges		Mission EPDM Series Hose
<b>Z8-30</b>	3.31" (84.0)	3.59" (91.1)	3" ID Hoses
<b>Z8-35</b>	3.81" (96.7)	4.09" (103.8)	3.5" ID Hoses
<b>Z8-40</b>	4.31" (109.4)	4.59" (116.5)	4" ID Hoses
<b>Z8-45</b>	4.81" (122.1)	5.09" (129.2)	4.5" ID Hoses
<b>Z8-50</b>	5.31" (134.8)	5.59" (141.9)	5" ID Hoses
<b>Z8-55</b>	5.94" (150.8)	6.21" (157.7)	5.5" ID Hoses
<b>Z8-60</b>	6.38" (162.0)	6.65" (168.9)	6" ID Hoses
<b>Z8-70</b>	7.38" (187.4)	7.78" (197.6)	7" ID Hoses
<b>Z8-80</b>	8.25" (209.5)	8.56" (217.4)	8" ID Hoses



See Page 32 for Full Clamp Range

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