

Poly stocks urethane spring lengths as indicated on the following pages, plus a 24-inch length. We also cut to any desired length (up to 24 inches) although this material may be easily cut to length using a conventional band saw that has a suggested four-hook carbon blade with a raker set, or may be lathe cut with machine tool bits with a positive rake of from 5 to 10 degrees. For high volumes, we have CNC machines to accurately cut the tubes to any lengths economically.



Softer Grades Compression Springs

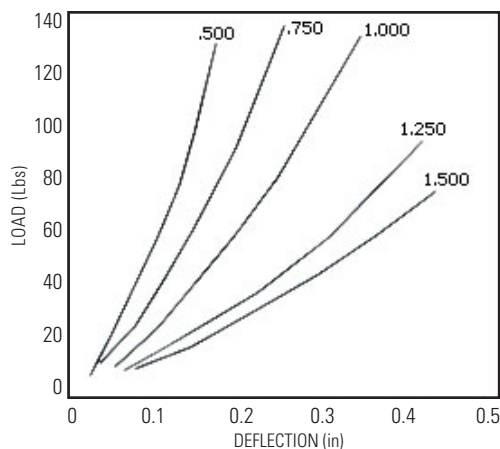
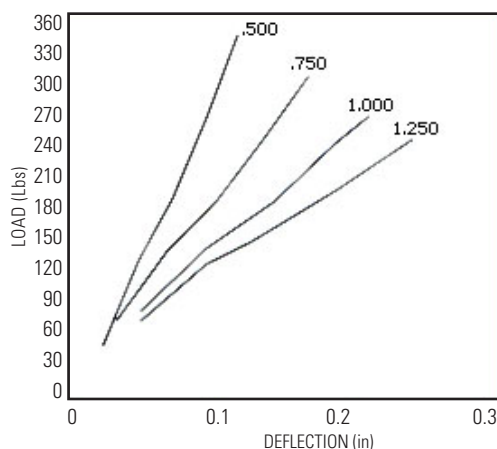
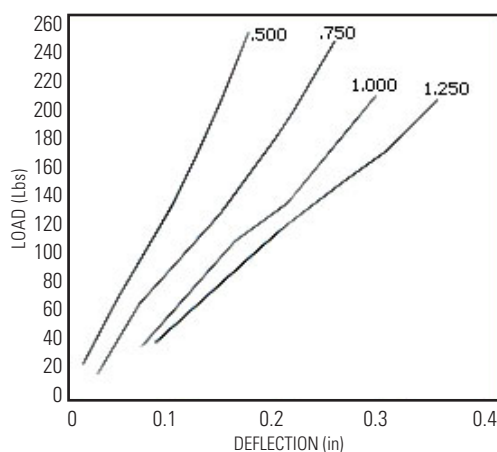
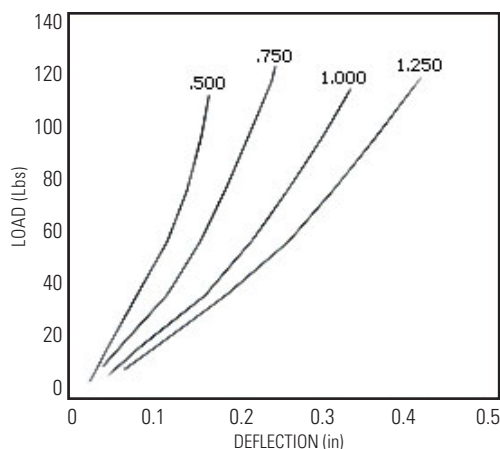
| Stock Number | Inside Dia-d | Outside Dia-d | Duro Meter | Free Length Approx |
|--------------------|--------------|---------------|------------|---------------------------------------|
| PL-18-0500-60A | 0.17 | 0.69 | 60A | 0.5 |
| PL-18-0750-60A | 0.17 | 0.69 | 60A | 0.75 |
| PL-18-1000-60A | 0.17 | 0.69 | 60A | 1 |
| PL-18-1250-60A | 0.17 | 0.69 | 60A | 1.25 |
| PL-18-(length)-60A | | | | Any to 12 ¹ / ₂ |

| Stock Number | Inside Dia-d | Outside Dia-d | Duro Meter | Free Length Approx |
|--------------------|--------------|---------------|------------|---------------------------------------|
| PL-18-0500-80A | 0.17 | 0.69 | 80A | 0.5 |
| PL-18-0750-80A | 0.17 | 0.69 | 80A | 0.75 |
| PL-18-1000-80A | 0.17 | 0.69 | 80A | 1 |
| PL-18-1250-80A | 0.17 | 0.69 | 80A | 1.25 |
| PL-18-(length)-60A | | | | Any to 12 ¹ / ₂ |

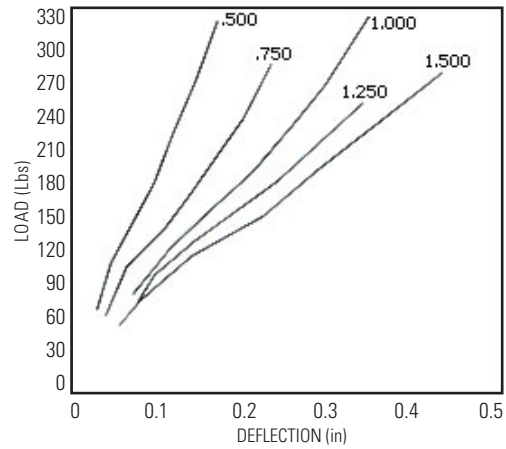
| Stock Number | Inside Dia-d | Outside Dia-d | Duro Meter | Free Length Approx |
|--------------------|--------------|---------------|------------|---------------------------------------|
| PL-18-0500-90A | 0.17 | 0.69 | 90A | 0.5 |
| PL-18-0750-90A | 0.17 | 0.69 | 90A | 0.75 |
| PL-18-1000-90A | 0.17 | 0.69 | 90A | 1 |
| PL-18-1250-90A | 0.17 | 0.69 | 90A | 1.25 |
| PL-18-(length)-90A | | | | Any to 12 ¹ / ₂ |

| Stock Number | Inside Dia-d | Outside Dia-d | Duro Meter | Free Length Approx |
|--------------------|--------------|---------------|------------|---------------------------------------|
| PL-25-0500-60A | 0.23 | 0.75 | 60A | 0.5 |
| PL-25-0750-60A | 0.23 | 0.75 | 60A | 0.75 |
| PL-25-1000-60A | 0.23 | 0.75 | 60A | 1 |
| PL-25-1250-60A | 0.23 | 0.75 | 60A | 1.25 |
| PL-25-1500-60A | 0.23 | 0.75 | 60A | 1.5 |
| PL-25-(length)-60A | | | | Any to 12 ¹ / ₂ |

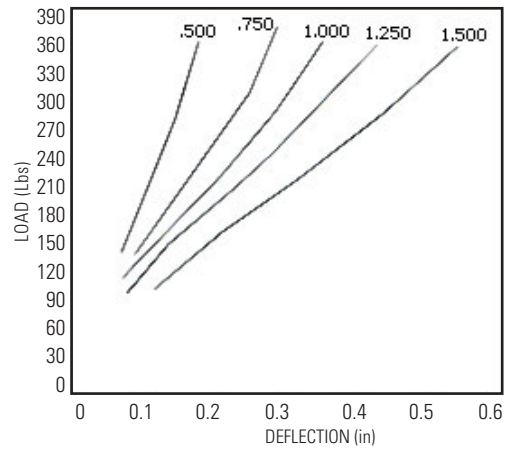
Load-Deflection Curves



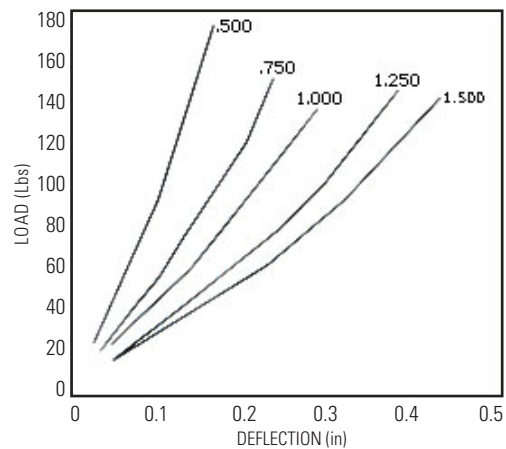
| Stock Number | Inside Dia-d | Outside Dia-d | Duro Meter | Free Length Approx |
|--------------------|--------------|---------------|------------|---------------------------------------|
| PL-25-0500-80A | 0.23 | 0.75 | 80A | 0.5 |
| PL-25-0750-80A | 0.23 | 0.75 | 80A | 0.75 |
| PL-25-1000-80A | 0.23 | 0.75 | 80A | 1 |
| PL-25-1250-80A | 0.23 | 0.75 | 80A | 1.25 |
| PL-25-1500-80A | 0.23 | 0.75 | 80A | 1.5 |
| PL-25-(length)-80A | | | | Any to 12 ¹ / ₂ |



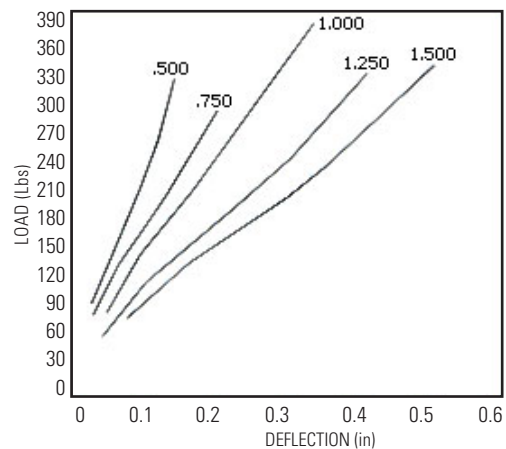
| Stock Number | Inside Dia-d | Outside Dia-d | Duro Meter | Free Length Approx |
|--------------------|--------------|---------------|------------|---------------------------------------|
| PL-25-0500-90A | 0.23 | 0.75 | 90A | 0.5 |
| PL-25-0750-90A | 0.23 | 0.75 | 90A | 0.75 |
| PL-25-1000-90A | 0.23 | 0.75 | 90A | 1 |
| PL-25-1250-90A | 0.23 | 0.75 | 90A | 1.25 |
| PL-25-1500-90A | 0.23 | 0.75 | 90A | 1.5 |
| PL-25-(length)-60A | | | | Any to 12 ¹ / ₂ |



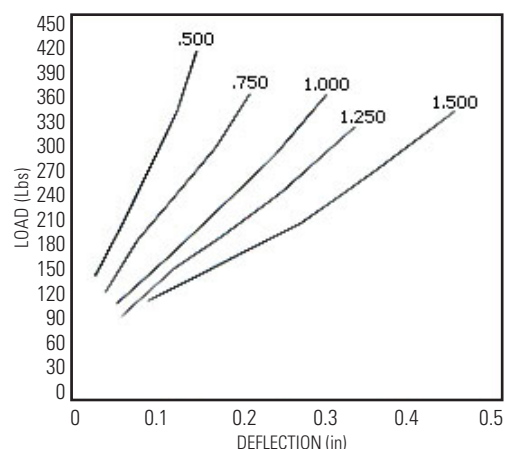
| Stock Number | Inside Dia-d | Outside Dia-d | Duro Meter | Free Length Approx |
|--------------------|--------------|---------------|------------|---------------------------------------|
| PL-31-0500-60A | 0.3 | 0.81 | 60A | 0.5 |
| PL-31-0750-60A | 0.3 | 0.81 | 60A | 0.75 |
| PL-31-1000-60A | 0.3 | 0.81 | 60A | 1 |
| PL-31-1250-60A | 0.3 | 0.81 | 60A | 1.25 |
| PL-31-1500-60A | 0.3 | 0.81 | 60A | 1.5 |
| PL-31-(length)-60A | | | | Any to 12 ¹ / ₂ |



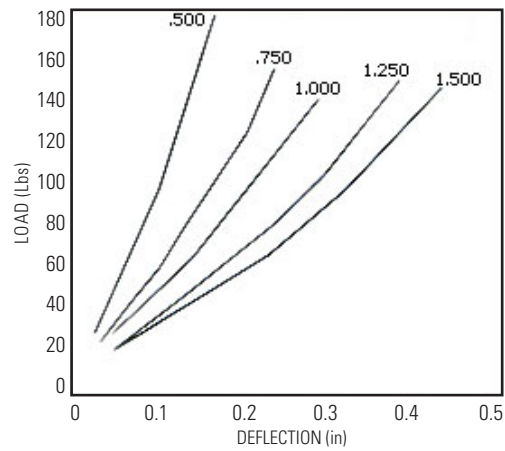
| Stock Number | Inside Dia-d | Outside Dia-d | Duro Meter | Free Length Approx |
|--------------------|--------------|---------------|------------|---------------------------------------|
| PL-31-0500-80A | 0.3 | 0.81 | 80A | 0.5 |
| PL-31-0750-80A | 0.3 | 0.81 | 80A | 0.75 |
| PL-31-1000-80A | 0.3 | 0.81 | 80A | 1 |
| PL-31-1250-80A | 0.3 | 0.81 | 80A | 1.25 |
| PL-31-1500-80A | 0.3 | 0.81 | 80A | 1.5 |
| PL-31-(length)-80A | | | | Any to 12 ¹ / ₂ |



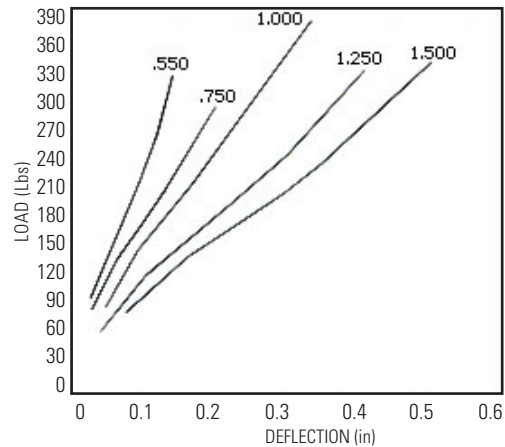
| Stock Number | Inside Dia-d | Outside Dia-d | Duro Meter | Free Length Approx |
|--------------------|--------------|---------------|------------|---------------------------------------|
| PL-31-0500-90A | 0.3 | 0.81 | 90A | 0.5 |
| PL-31-0750-90A | 0.3 | 0.81 | 90A | 0.75 |
| PL-31-1000-90A | 0.3 | 0.81 | 90A | 1 |
| PL-31-1250-90A | 0.3 | 0.81 | 90A | 1.25 |
| PL-31-1500-90A | 0.3 | 0.81 | 90A | 1.5 |
| PL-31-(length)-90A | | | | Any to 12 ¹ / ₂ |



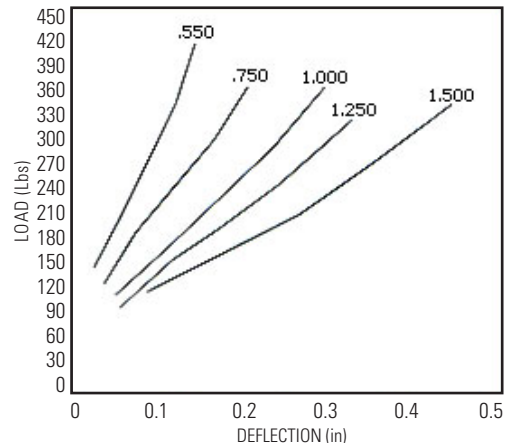
| Stock Number | Inside Dia-d | Outside Dia-d | Duro Meter | Free Length Approx |
|--------------------|--------------|---------------|------------|--------------------|
| PL-37-0500-60A | 0.36 | 0.88 | 60A | 0.5 |
| PL-37-0750-60A | 0.36 | 0.88 | 60A | 0.75 |
| PL-37-1000-60A | 0.36 | 0.88 | 60A | 1 |
| PL-37-1250-60A | 0.36 | 0.88 | 60A | 1.25 |
| PL-37-1500-60A | 0.36 | 0.88 | 60A | 1.5 |
| PL-37-(length)-60A | | | | Any to 24 |



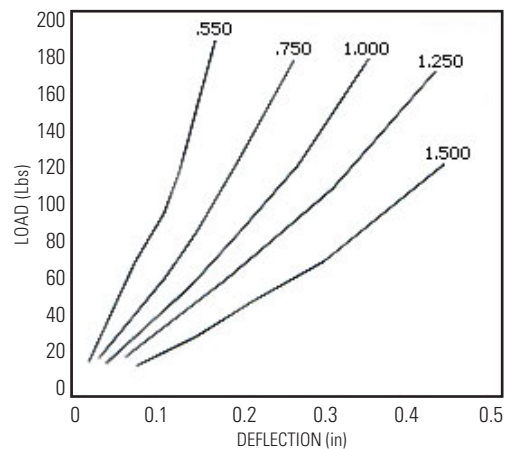
| Stock Number | Inside Dia-d | Outside Dia-d | Duro Meter | Free Length Approx |
|--------------------|--------------|---------------|------------|--------------------|
| PL-37-0500-80A | 0.36 | 0.88 | 80A | 0.5 |
| PL-37-0750-80A | 0.36 | 0.88 | 80A | 0.75 |
| PL-37-1000-80A | 0.36 | 0.88 | 80A | 1 |
| PL-37-1250-80A | 0.36 | 0.88 | 80A | 1.25 |
| PL-37-1500-80A | 0.36 | 0.88 | 80A | 1.5 |
| PL-37-1750-80A | 0.36 | 0.88 | 80A | 1.75 |
| PL-37-(length)-80A | | | | Any to 24 |



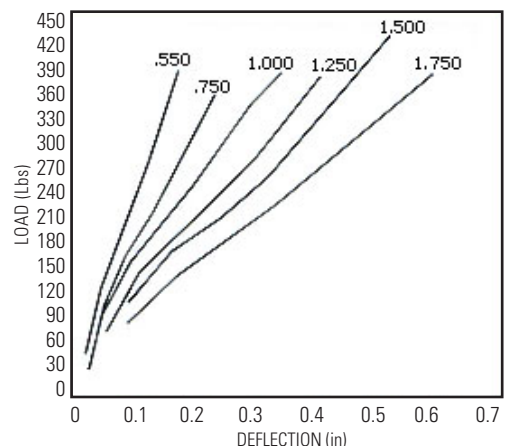
| Stock Number | Inside Dia-d | Outside Dia-d | Duro Meter | Free Length Approx |
|--------------------|--------------|---------------|------------|--------------------|
| PL-37-0500-90A | 0.36 | 0.88 | 90A | 0.5 |
| PL-37-0750-90A | 0.36 | 0.88 | 90A | 0.75 |
| PL-37-1000-90A | 0.36 | 0.88 | 90A | 1 |
| PL-37-1250-90A | 0.36 | 0.88 | 90A | 1.25 |
| PL-37-1500-90A | 0.36 | 0.88 | 90A | 1.5 |
| PL-37-1750-90A | 0.36 | 0.88 | 90A | 1.75 |
| PL-37-(length)-90A | | | | Any to 24 |



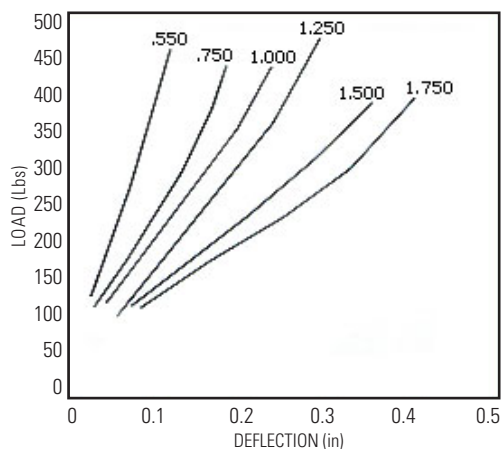
| Stock Number | Inside Dia-d | Outside Dia-d | Duro Meter | Free Length Approx |
|--------------------|--------------|---------------|------------|--------------------|
| PL-50-0500-60A | 0.48 | 1 | 60A | 0.5 |
| PL-50-0750-60A | 0.48 | 1 | 60A | 0.75 |
| PL-50-1000-60A | 0.48 | 1 | 60A | 1 |
| PL-50-1250-60A | 0.48 | 1 | 60A | 1.25 |
| PL-50-1500-60A | 0.48 | 1 | 60A | 1.5 |
| PL-50-(length)-60A | | | | Any to 24 |



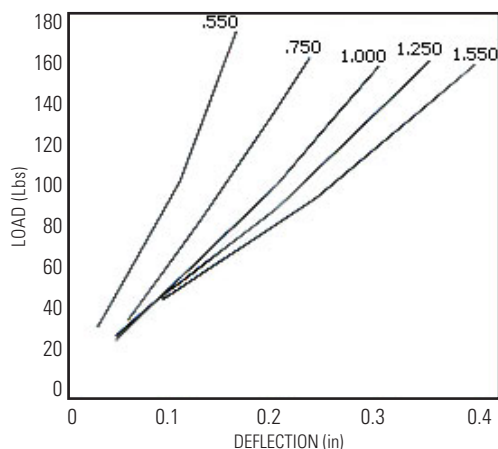
| Stock Number | Inside Dia-d | Outside Dia-d | Duro Meter | Free Length Approx |
|--------------------|--------------|---------------|------------|--------------------|
| PL-50-0500-80A | 0.48 | 1 | 80A | 0.5 |
| PL-50-0750-80A | 0.48 | 1 | 80A | 0.75 |
| PL-50-1000-80A | 0.48 | 1 | 80A | 1 |
| PL-50-1250-80A | 0.48 | 1 | 80A | 1.25 |
| PL-50-1500-80A | 0.48 | 1 | 80A | 1.5 |
| PL-50-1750-80A | 0.48 | 1 | 80A | 1.75 |
| PL-50-(length)-80A | | | | Any to 24 |



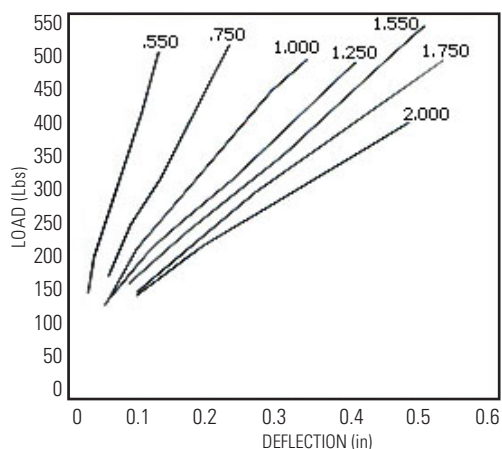
| Stock Number | Inside Dia-d | Outside Dia-d | Duro Meter | Free Length Approx |
|--------------------|--------------|---------------|------------|--------------------|
| PL-50-0500-90A | 0.48 | 1 | 90A | 0.5 |
| PL-50-0750-90A | 0.48 | 1 | 90A | 0.75 |
| PL-50-1000-90A | 0.48 | 1 | 90A | 1 |
| PL-50-1250-90A | 0.48 | 1 | 90A | 1.25 |
| PL-50-1500-90A | 0.48 | 1 | 90A | 1.5 |
| PL-50-1750-90A | 0.48 | 1 | 90A | 1.75 |
| PL-50-(length)-90A | | | | Any to 24 |



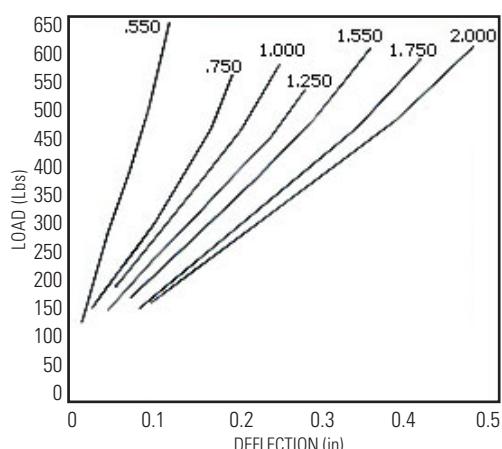
| Stock Number | Inside Dia-d | Outside Dia-d | Duro Meter | Free Length Approx |
|--------------------|--------------|---------------|------------|--------------------|
| PL-62-0500-60A | 0.6 | 1.13 | 60A | 0.5 |
| PL-62-0750-60A | 0.6 | 1.13 | 60A | 0.75 |
| PL-62-1000-60A | 0.6 | 1.13 | 60A | 1 |
| PL-62-1250-60A | 0.6 | 1.13 | 60A | 1.25 |
| PL-62-1500-60A | 0.6 | 1.13 | 60A | 1.5 |
| PL-62-(length)-60A | | | | Any to 24 |



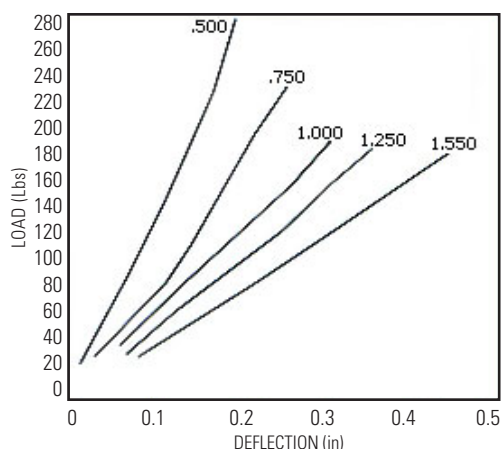
| Stock Number | Inside Dia-d | Outside Dia-d | Duro Meter | Free Length Approx |
|--------------------|--------------|---------------|------------|--------------------|
| PL-62-0500-80A | 0.6 | 1.13 | 80A | 0.5 |
| PL-62-0750-80A | 0.6 | 1.13 | 80A | 0.75 |
| PL-62-1000-80A | 0.6 | 1.13 | 80A | 1 |
| PL-62-1250-80A | 0.6 | 1.13 | 80A | 1.25 |
| PL-62-1500-80A | 0.6 | 1.13 | 80A | 1.5 |
| PL-62-1750-80A | 0.6 | 1.13 | 80A | 1.75 |
| PL-62-2000-80A | 0.6 | 1.13 | 80A | 2 |
| PL-62-(length)-80A | | | | Any to 24 |



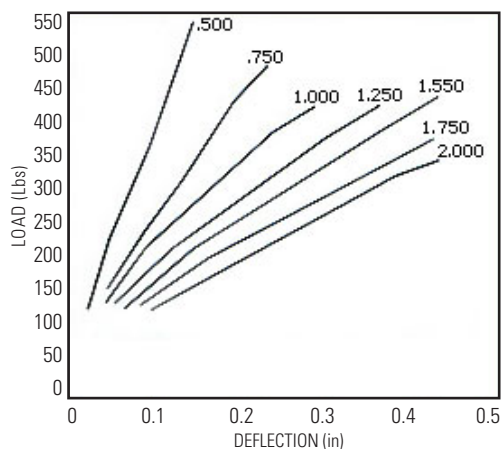
| Stock Number | Inside Dia-d | Outside Dia-d | Duro Meter | Free Length Approx |
|--------------------|--------------|---------------|------------|--------------------|
| PL-62-0500-90A | 0.6 | 1.13 | 90A | 0.5 |
| PL-62-0750-90A | 0.6 | 1.13 | 90A | 0.75 |
| PL-62-1000-90A | 0.6 | 1.13 | 90A | 1 |
| PL-62-1250-90A | 0.6 | 1.13 | 90A | 1.25 |
| PL-62-1500-90A | 0.6 | 1.13 | 90A | 1.5 |
| PL-62-1750-90A | 0.6 | 1.13 | 90A | 1.75 |
| PL-62-2000-90A | 0.6 | 1.13 | 90A | 2 |
| PL-62-(length)-90A | | | | Any to 24 |



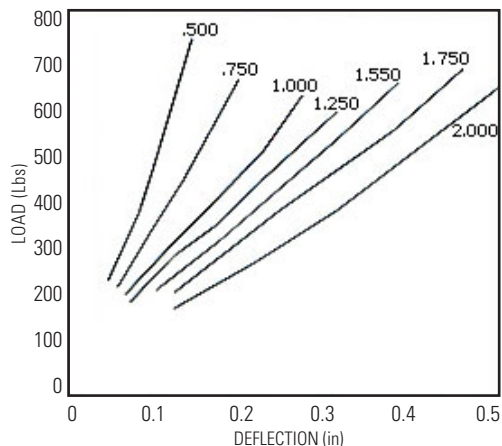
| Stock Number | Inside Dia-d | Outside Dia-d | Duro Meter | Free Length Approx |
|--------------------|--------------|---------------|------------|--------------------|
| PL-75-0750-60A | 0.74 | 1.38 | 60A | 0.75 |
| PL-75-1000-60A | 0.74 | 1.38 | 60A | 1 |
| PL-75-1250-60A | 0.74 | 1.38 | 60A | 1.25 |
| PL-75-1500-60A | 0.74 | 1.38 | 60A | 1.5 |
| PL-75-1750-60A | 0.74 | 1.38 | 60A | 1.75 |
| PL-75-2000-60A | 0.74 | 1.38 | 60A | 2 |
| PL-75-(length)-60A | | | | Any to 24 |



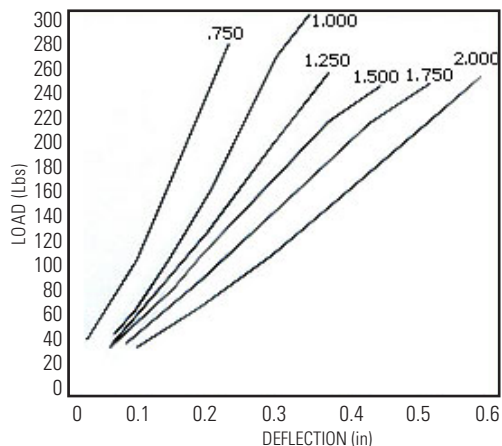
| Stock Number | Inside Dia-d | Outside Dia-d | Duro Meter | Free Length Approx |
|--------------------|--------------|---------------|------------|--------------------|
| PL-75-0750-80A | 0.74 | 1.38 | 80A | 0.75 |
| PL-75-1000-80A | 0.74 | 1.38 | 80A | 1 |
| PL-75-1250-80A | 0.74 | 1.38 | 80A | 1.25 |
| PL-75-1500-80A | 0.74 | 1.38 | 80A | 1.5 |
| PL-75-1750-80A | 0.74 | 1.38 | 80A | 1.75 |
| PL-75-2000-80A | 0.74 | 1.38 | 80A | 2 |
| PL-75-(length)-80A | | | | Any to 24 |



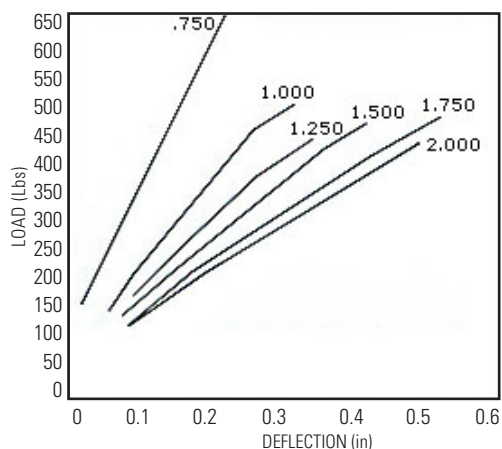
| Stock Number | Inside Dia-d | Outside Dia-d | Duro Meter | Free Length Approx |
|--------------------|--------------|---------------|------------|--------------------|
| PL-75-0750-90A | 0.74 | 1.38 | 90A | 0.75 |
| PL-75-1000-90A | 0.74 | 1.38 | 90A | 1 |
| PL-75-1250-90A | 0.74 | 1.38 | 90A | 1.25 |
| PL-75-1500-90A | 0.74 | 1.38 | 90A | 1.5 |
| PL-75-1750-90A | 0.74 | 1.38 | 90A | 1.75 |
| PL-75-2000-90A | 0.74 | 1.38 | 90A | 2 |
| PL-75-2050-90A | 0.74 | 1.38 | 90A | 2.5 |
| PL-75-(length)-90A | | | | Any to 24 |



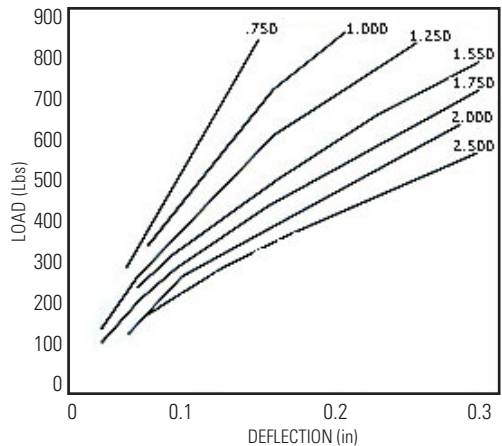
| Stock Number | Inside Dia-d | Outside Dia-d | Duro Meter | Free Length Approx |
|--------------------|--------------|---------------|------------|--------------------|
| PL-87-1000-60A | 0.86 | 1.63 | 60A | 1 |
| PL-87-1250-60A | 0.86 | 1.63 | 60A | 1.25 |
| PL-87-1500-60A | 0.86 | 1.63 | 60A | 1.5 |
| PL-87-1750-60A | 0.86 | 1.63 | 60A | 1.75 |
| PL-87-2000-60A | 0.86 | 1.63 | 60A | 2 |
| PL-87-2500-60A | 0.86 | 1.63 | 60A | 2.5 |
| PL-87-3000-60A | 0.86 | 1.63 | 60A | 3 |
| PL-87-(length)-90A | | | | Any to 24 |



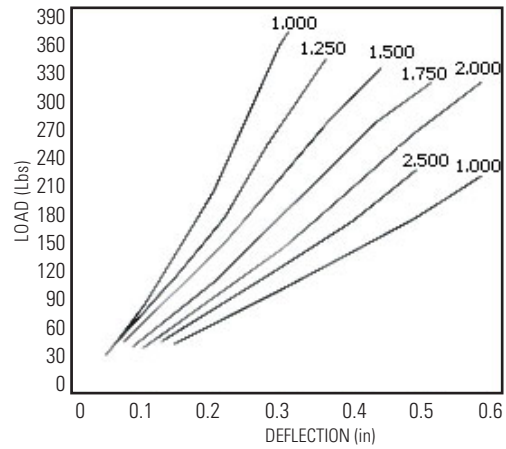
| Stock Number | Inside Dia-d | Outside Dia-d | Duro Meter | Free Length Approx |
|--------------------|--------------|---------------|------------|--------------------|
| PL-87-1000-80A | 0.86 | 1.63 | 80A | 1 |
| PL-87-1250-80A | 0.86 | 1.63 | 80A | 1.25 |
| PL-87-1500-80A | 0.86 | 1.63 | 80A | 1.5 |
| PL-87-1750-80A | 0.86 | 1.63 | 80A | 1.75 |
| PL-87-2000-80A | 0.86 | 1.63 | 80A | 2 |
| PL-87-2500-80A | 0.86 | 1.63 | 80A | 2.5 |
| PL-87-3000-80A | 0.86 | 1.63 | 80A | 3 |
| PL-87-(length)-90A | | | | Any to 24 |



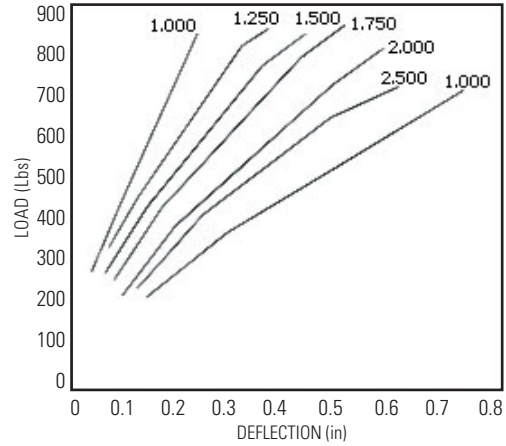
| Stock Number | Inside Dia-d | Outside Dia-d | Duro Meter | Free Length Approx |
|--------------------|--------------|---------------|------------|--------------------|
| PL-87-1000-90A | 0.86 | 1.63 | 90A | 1 |
| PL-87-1250-90A | 0.86 | 1.63 | 90A | 1.25 |
| PL-87-1500-90A | 0.86 | 1.63 | 90A | 1.5 |
| PL-87-1750-90A | 0.86 | 1.63 | 90A | 1.75 |
| PL-87-2000-90A | 0.86 | 1.63 | 90A | 2 |
| PL-87-2500-90A | 0.86 | 1.63 | 90A | 2.5 |
| PL-87-3000-90A | 0.86 | 1.63 | 90A | 3 |
| PL-87-(length)-90A | | | | Any to 24 |



| Stock Number | Inside Dia-d | Outside Dia-d | Duro Meter | Free Length Approx |
|---------------------|--------------|---------------|------------|--------------------|
| PL-100-1000-60A | 0.98 | 1.75 | 60A | 1 |
| PL-100-1250-60A | 0.98 | 1.75 | 60A | 1.25 |
| PL-100-1500-60A | 0.98 | 1.75 | 60A | 1.5 |
| PL-100-1750-60A | 0.98 | 1.75 | 60A | 1.75 |
| PL-100-2000-60A | 0.98 | 1.75 | 60A | 2 |
| PL-100-2500-60A | 0.98 | 1.75 | 60A | 2.5 |
| PL-100-3000-60A | 0.98 | 1.75 | 60A | 3 |
| PL-100-(length)-90A | | | | Any to 24 |



| Stock Number | Inside Dia-d | Outside Dia-d | Duro Meter | Free Length Approx |
|---------------------|--------------|---------------|------------|--------------------|
| PL-100-1000-80A | 0.98 | 1.75 | 80A | 1 |
| PL-100-1250-80A | 0.98 | 1.75 | 80A | 1.25 |
| PL-100-1500-80A | 0.98 | 1.75 | 80A | 1.5 |
| PL-100-1750-80A | 0.98 | 1.75 | 80A | 1.75 |
| PL-100-2000-80A | 0.98 | 1.75 | 80A | 2 |
| PL-100-2500-80A | 0.98 | 1.75 | 80A | 2.5 |
| PL-100-3000-80A | 0.98 | 1.75 | 80A | 3 |
| PL-100-(length)-90A | | | | Any to 24 |



| Stock Number | Inside Dia-d | Outside Dia-d | Duro Meter | Free Length Approx |
|---------------------|--------------|---------------|------------|--------------------|
| PL-100-1000-90A | 0.98 | 1.75 | 90A | 1 |
| PL-100-1250-90A | 0.98 | 1.75 | 90A | 1.25 |
| PL-100-1500-90A | 0.98 | 1.75 | 90A | 1.5 |
| PL-100-1750-90A | 0.98 | 1.75 | 90A | 1.75 |
| PL-100-2000-90A | 0.98 | 1.75 | 90A | 2 |
| PL-100-2500-90A | 0.98 | 1.75 | 90A | 2.5 |
| PL-100-3000-90A | 0.98 | 1.75 | 90A | 3 |
| PL-100-(length)-90A | | | | Any to 24 |

