

# PROFIT

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ACCESSBETTERTHINKING@ALLEGISCORP.COM



866.378.7550

## **SIMPLIFYING THE PROFILE SELECTION PROCESS FOR OEM'S**

*At Allegis Corporation, that's our goal. Successful profile solutions in today's demanding OEM marketplace are highly dependent on industry-specific knowledge. Great solutions are born when an organization brings the technical experience, personal ambition and the desired level of service to each unique application to arrive at the optimum solution. Allegis Corporation has delivered customized solutions to both small and large OEM's within this market, on a local and global basis, since 1969. We welcome the opportunity and challenge to "simplify the supply chain" for your organization.*

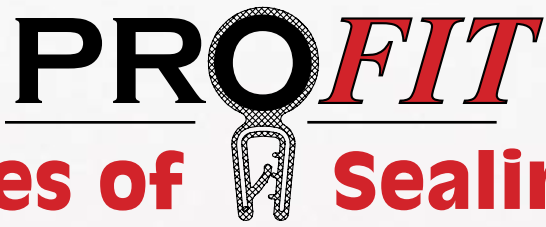
*Thank you,*



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President / CEO

**"Growing together through product and service excellence"**



# Advantages of Sealing Solutions

**To keep the environment out ,  
look to professional sealing solutions that fit (PRO-FIT)**

- *Sponge rubber profiles with or without acrylic tape*
- *Edge protection profiles*
- *Rubber profiles*
- *Sealing profiles*
- *Glazing and slip on Profiles*

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Pro-Fit is available with customizable options to FIT a wide variety of applications. We've put this catalog together to help you understand the available options for high performance sealing solutions. We are pleased to help you explore how the Pro-fit products will help you reach your required product performance expectations.

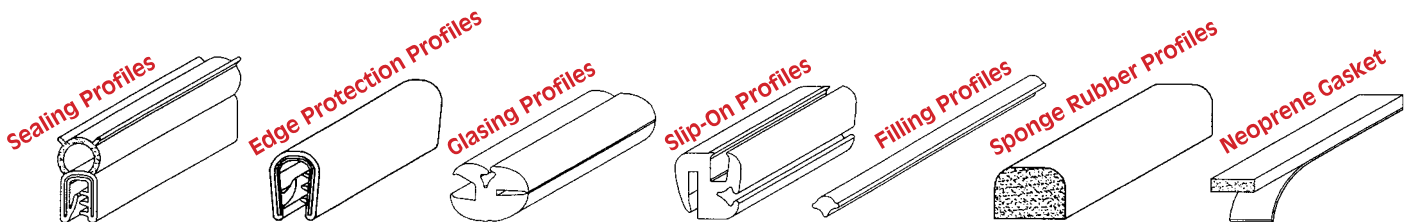
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## **The Pro-Fit solution comes with the following Advantages:**

1. Customer exclusive designs
2. Design and application assistance provided
3. Flexibility to bend around tight radius corners
4. High resistance to heat, chemicals, corrosion, and UV light
5. Superior bulb shape retention after compression
6. Available world wide
7. UL certification
8. Reduces noise and vibrations
9. Available in cut-to-order lengths
10. Available with slip coating to prevent sticking to door surfaces
11. Available with vulcanized, molded or glued corners to form frames
12. Available with punched weep holes
13. Pre applied Butyl sealant available to aid in sealing
14. Custom pad printing of part numbers on profile
15. Testing and certification services
16. EMI/RFI Shielding gasket available

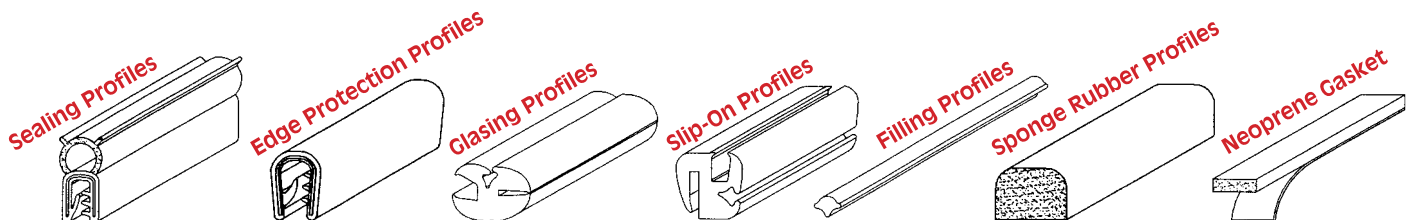
## Sealing Profiles

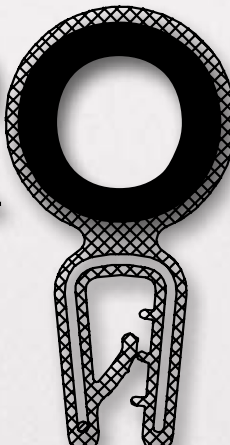
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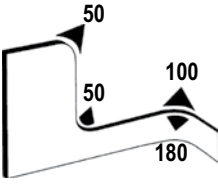
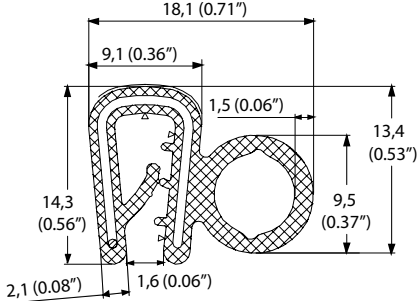



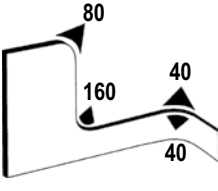
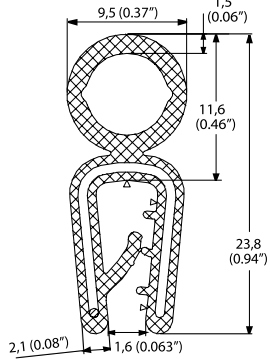

## Glazing & Slip-On Profiles

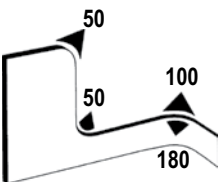
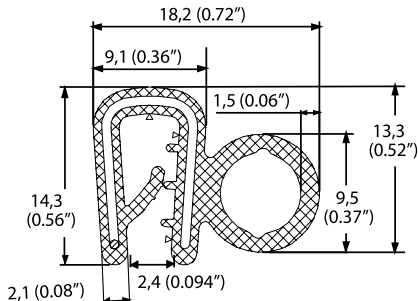

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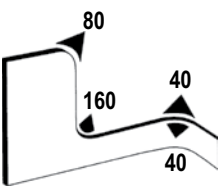
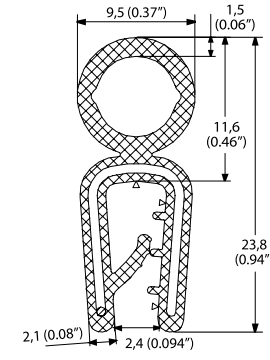



**PRO** ***FIT***


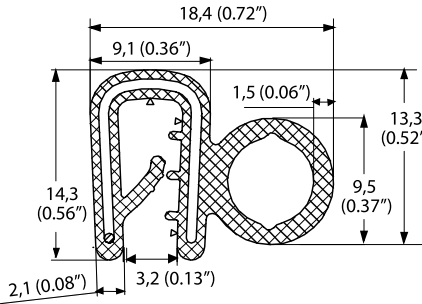
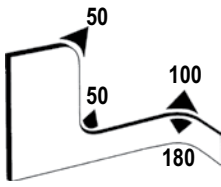

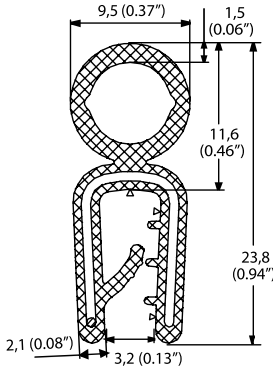
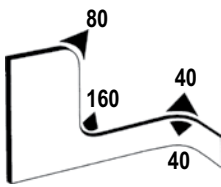

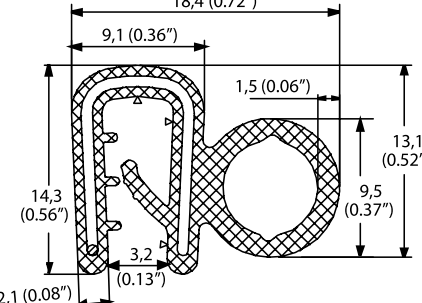
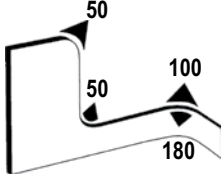

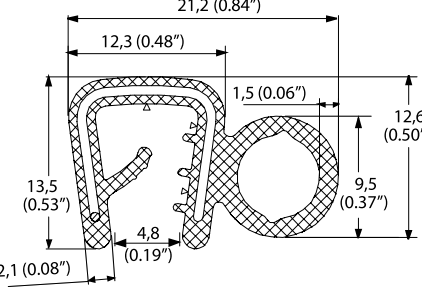
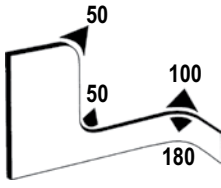
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|  <p><b>Bend Radius</b></p> |  | <ul style="list-style-type: none"> <li>- Bulb size: 9,5mm (3/8")</li> <li>- Material thickness: 1/16"</li> <li>- Roll size: 246 feet</li> <li>- Internal wire clip</li> <li>- EPDM soft rubber carrier and bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> </ul> |  <p><b>S4011</b></p> |
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|  <p><b>Bend Radius</b></p> |  | <ul style="list-style-type: none"> <li>- Bulb size: 9,5mm (3/8")</li> <li>- Material thickness: 1/16"</li> <li>- Roll size: 246 feet</li> <li>- Internal wire clip</li> <li>- EPDM soft rubber carrier and bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> </ul> |  <p><b>S4012</b></p> |
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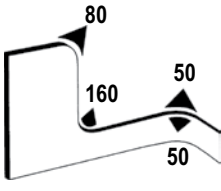
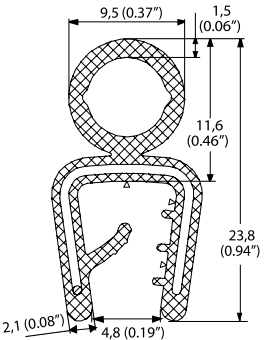

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|  <p><b>Bend Radius</b></p> |  | <ul style="list-style-type: none"> <li>- Bulb size: 9,5mm (3/8")</li> <li>- Material thickness: 3/32"</li> <li>- Roll size: 246 feet</li> <li>- Internal wire clip</li> <li>- EPDM soft rubber carrier and bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> </ul> |  <p><b>S4021</b></p> |
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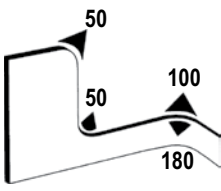
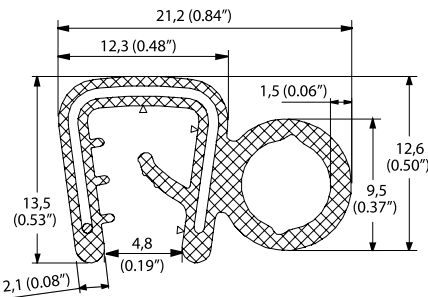

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|  <p><b>Bend Radius</b></p> |  | <ul style="list-style-type: none"> <li>- Bulb size: 9,5mm (3/8")</li> <li>- Material thickness: 3/32"</li> <li>- Roll size: 246 feet</li> <li>- Internal wire clip</li> <li>- EPDM soft rubber carrier and bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> </ul> |  <p><b>S4022</b></p> |
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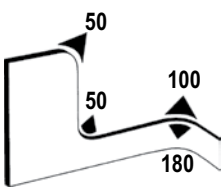
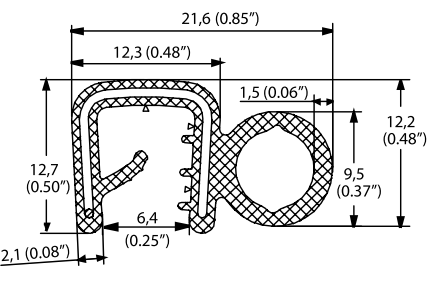

# 540 SERIES

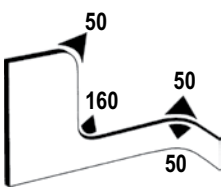
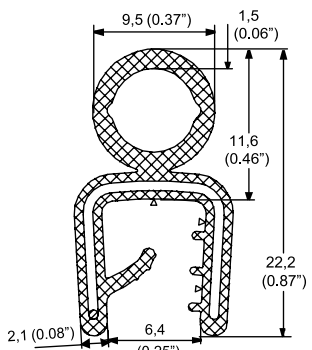

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|    | <ul style="list-style-type: none"> <li>- Bulb size: 9,5mm (3/8")</li> <li>- Material thickness: 1/8"</li> <li>- Roll size: 246 feet</li> <li>- Internal wire clip</li> <li>- EPDM soft rubber carrier and bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> </ul>  |    |  <p><b>Bend Radius</b></p>   |
| <p><b>S4031</b></p>   |  |  |   |
|   | <ul style="list-style-type: none"> <li>- Bulb size: 9,5mm (3/8")</li> <li>- Material thickness: 1/8"</li> <li>- Roll size: 246 feet</li> <li>- Internal wire clip</li> <li>- EPDM soft rubber carrier and bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> </ul>  |   |  <p><b>Bend Radius</b></p>   |
| <p><b>S4032</b></p>   |  |  |   |
|  | <ul style="list-style-type: none"> <li>- Bulb size: 9,5mm (3/8")</li> <li>- Material thickness: 1/8"</li> <li>- Roll size: 246 feet</li> <li>- Internal wire clip</li> <li>- EPDM soft rubber carrier and bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> </ul>  |  |  <p><b>Bend Radius</b></p> |
| <p><b>S4033</b></p>   |  |  |   |
|  | <ul style="list-style-type: none"> <li>- Bulb size: 9,5mm (3/8")</li> <li>- Material thickness: 3/16"</li> <li>- Roll size: 246 feet</li> <li>- Internal wire clip</li> <li>- EPDM soft rubber carrier and bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> </ul> |  |  <p><b>Bend Radius</b></p> |
| <p><b>S4041</b></p>   |  |  |   |




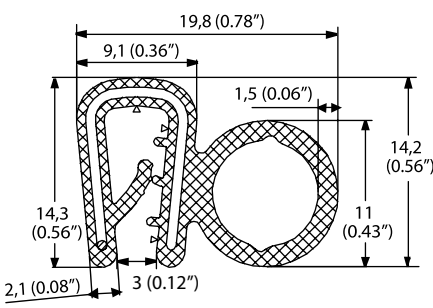
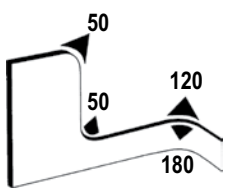
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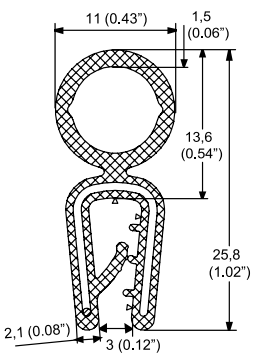
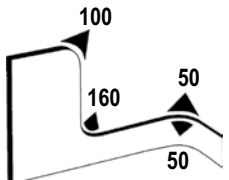
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|  <p><b>Bend Radius</b></p> |  | <ul style="list-style-type: none"> <li>- Bulb size: 9,5mm (3/8")</li> <li>- Material thickness: 3/16"</li> <li>- Roll size: 246 feet</li> <li>- Internal wire clip</li> <li>- EPDM soft rubber carrier and bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> </ul> |  <p><b>S4043</b></p> |
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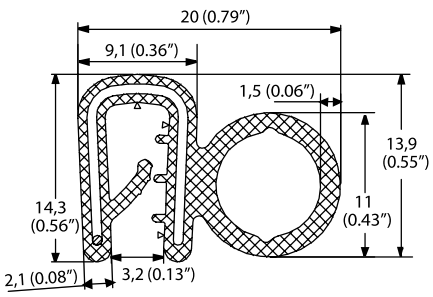
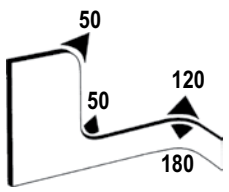
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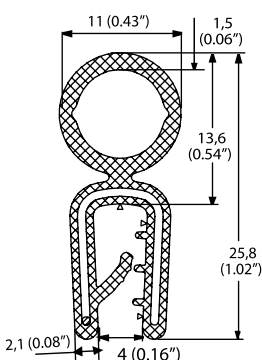
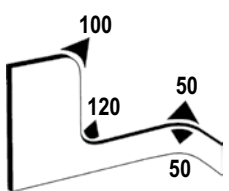
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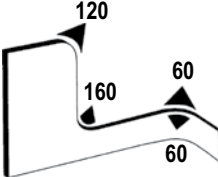
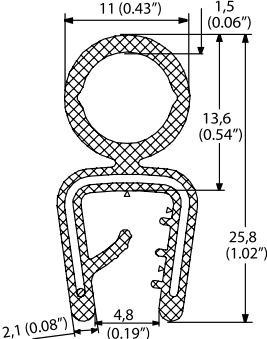

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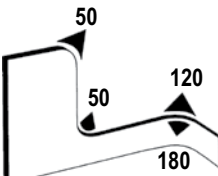
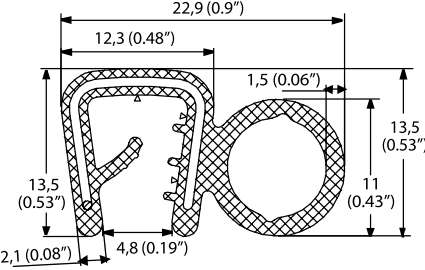

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|---|--|--|---|
|  | <ul style="list-style-type: none"> <li>- Bulb size: 11mm (7/16")</li> <li>- Material thickness: 1/16"</li> <li>- Roll size: 246 feet</li> <li>- Internal wire clip</li> <li>- EPDM soft rubber carrier and bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> </ul> |  |  <p><b>Bend Radius</b></p> |
| <p><b>S4111</b></p>   |  |  |   |

|   |   |   |   |
|---|---|---|---|
|  | <ul style="list-style-type: none"> <li>- Bulb size: 11mm (7/16")</li> <li>- Material thickness: 1/8"</li> <li>- Roll size: 328 feet</li> <li>- Internal wire clip</li> <li>- EPDM soft rubber carrier and bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> </ul> |  |  <p><b>Bend Radius</b></p> |
| <p><b>S4112</b></p>   |   |   |   |

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|---|---|--|---|
|  | <ul style="list-style-type: none"> <li>- Bulb size: 11mm (7/16")</li> <li>- Material thickness: 1/8"</li> <li>- Roll size: 246 feet</li> <li>- Internal wire clip</li> <li>- EPDM soft rubber carrier and bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> </ul> |  |  <p><b>Bend Radius</b></p> |
| <p><b>S4131</b></p>   |   |  |   |


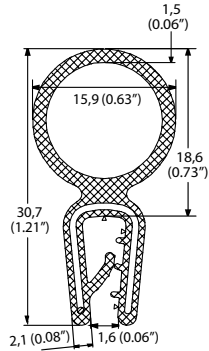
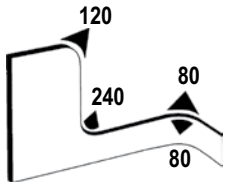

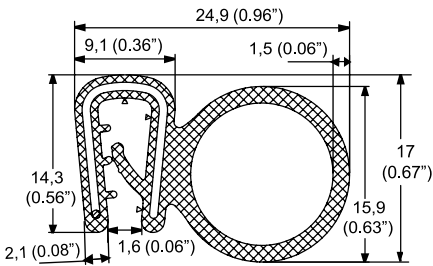
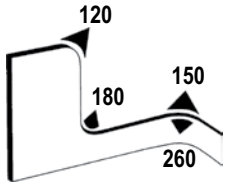

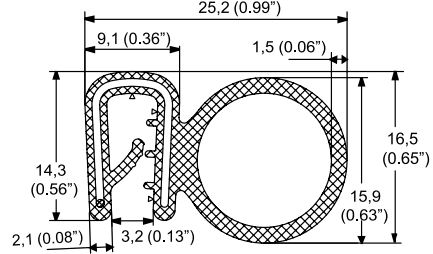
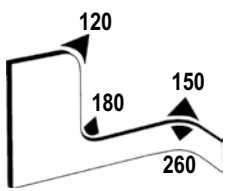

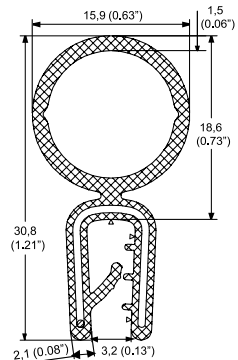
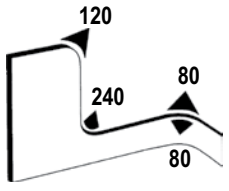
|   |   |  |   |
|---|---|--|---|
|  | <ul style="list-style-type: none"> <li>- Bulb size: 11mm (7/16")</li> <li>- Material thickness: 1/8"</li> <li>- Roll size: 328 feet</li> <li>- Internal wire clip</li> <li>- EPDM soft rubber carrier and bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> </ul> |  |  <p><b>Bend Radius</b></p> |
| <p><b>S4132</b></p>   |   |  |   |

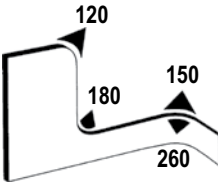
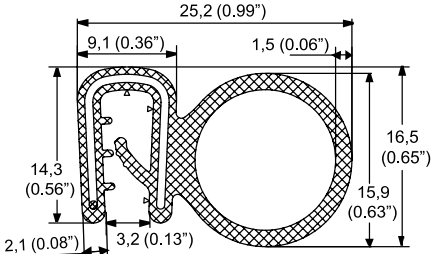

|   |   |  |   |
|---|---|--|---|
|  <p><b>Bend Radius</b></p> |  | <ul style="list-style-type: none"> <li>- Bulb size: 11mm (7/16")</li> <li>- Material thickness: 3/16"</li> <li>- Roll size: 246 feet</li> <li>- Internal wire clip</li> <li>- EPDM soft rubber carrier and bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> </ul> |  <p><b>S4122</b></p> |
|---|---|--|---|

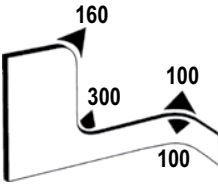
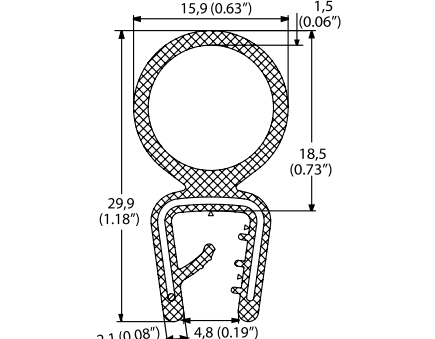

|   |  |  |   |
|---|--|--|---|
|  <p><b>Bend Radius</b></p> |  | <ul style="list-style-type: none"> <li>- Bulb size: 11mm (7/16")</li> <li>- Material thickness: 3/16"</li> <li>- Roll size: 246 feet</li> <li>- Internal wire clip</li> <li>- EPDM soft rubber carrier and bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> </ul> |  <p><b>S4141</b></p> |
|---|--|--|---|



# S42 SERIES


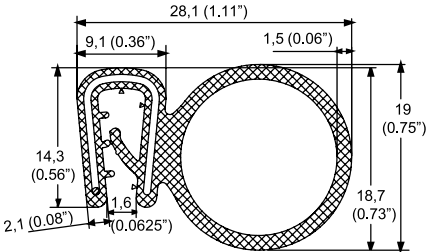
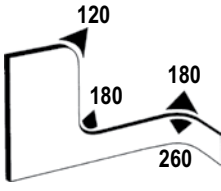

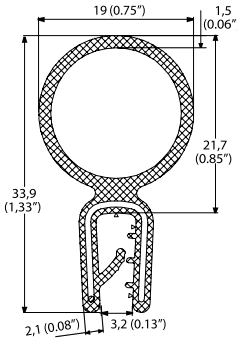
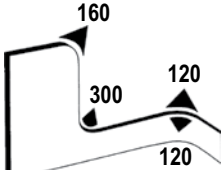

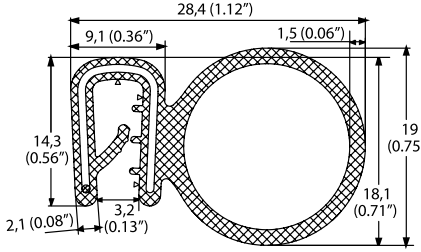
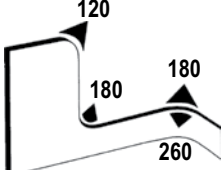

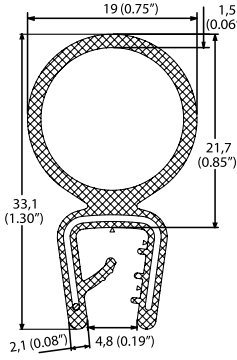
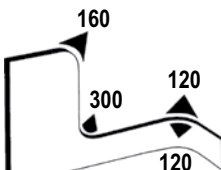
|   |   |  |   |
|---|---|--|---|
|  <p><b>S4212</b></p>   | <ul style="list-style-type: none"> <li>- Bulb size: 15,9mm (5/8")</li> <li>- Material thickness: 1/16"</li> <li>- Roll size: 164 feet</li> <li>- Internal wire clip</li> <li>- EPDM soft rubber carrier and bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> </ul> |    |  <p><b>Bend Radius</b></p>   |
|  <p><b>S4213</b></p>  | <ul style="list-style-type: none"> <li>- Bulb size: 15,9mm (5/8")</li> <li>- Material thickness: 1/16"</li> <li>- Roll size: 164 feet</li> <li>- Internal wire clip</li> <li>- EPDM soft rubber carrier and bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> </ul> |   |  <p><b>Bend Radius</b></p>   |
|  <p><b>S4231</b></p> | <ul style="list-style-type: none"> <li>- Bulb size: 15,9mm (5/8")</li> <li>- Material thickness: 1/8"</li> <li>- Roll size: 164 feet</li> <li>- Internal wire clip</li> <li>- EPDM soft rubber carrier and bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> </ul>  |  |  <p><b>Bend Radius</b></p> |
|  <p><b>S4232</b></p> | <ul style="list-style-type: none"> <li>- Bulb size: 15,9mm (5/8")</li> <li>- Material thickness: 1/8"</li> <li>- Roll size: 164 feet</li> <li>- Internal wire clip</li> <li>- EPDM soft rubber carrier and bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> </ul>  |  |  <p><b>Bend Radius</b></p> |

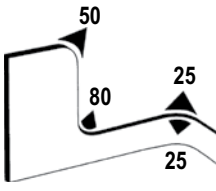
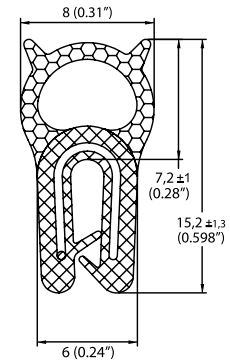

|   |   |  |   |
|---|---|--|---|
|  <p><b>Bend Radius</b></p> |  | <ul style="list-style-type: none"> <li>- Bulb size: 15,9mm (5/8")</li> <li>- Material thickness: 1/8"</li> <li>- Roll size: 164 feet</li> <li>- Internal wire clip</li> <li>- EPDM soft rubber carrier and bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> </ul> |  <p><b>S4233</b></p> |
|---|---|--|---|

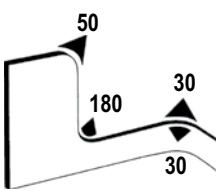
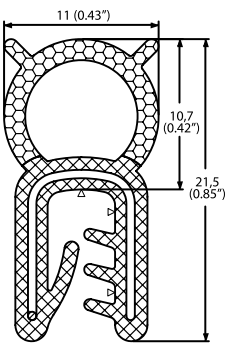

|   |  |   |  |
|---|--|---|--|
|  <p><b>Bend Radius</b></p> |  | <ul style="list-style-type: none"> <li>- Bulb size: 15,9mm (5/8")</li> <li>- Material thickness: 3/16"</li> <li>- Roll size: 164 feet</li> <li>- Internal wire clip</li> <li>- EPDM soft rubber carrier and bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> </ul> |  <p><b>S4242</b></p> |
|---|--|---|--|

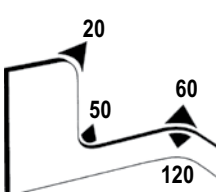
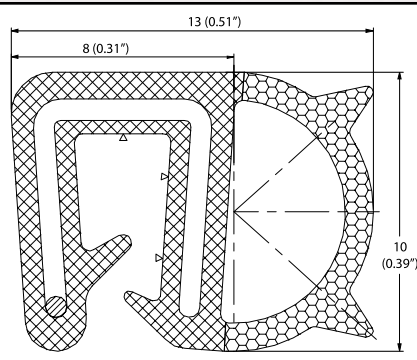



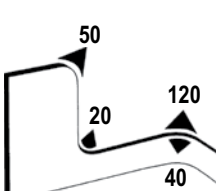
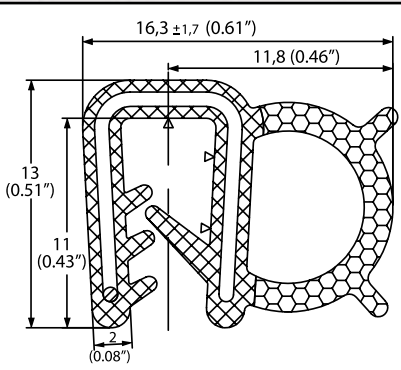

# 543 SERIES

|   |   |  |   |
|---|---|--|---|
|    | <ul style="list-style-type: none"> <li>- Bulb size: 19mm (3/4")</li> <li>- Material thickness: 1/16"</li> <li>- Roll size: 164 feet</li> <li>- Internal wire clip</li> <li>- EPDM soft rubber carrier and bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> </ul> |    |  <p><b>Bend Radius</b></p>   |
| <p><b>S4313</b></p>   |   |  |   |
|   | <ul style="list-style-type: none"> <li>- Bulb size: 19mm (3/4")</li> <li>- Material thickness: 1/8"</li> <li>- Roll size: 164 feet</li> <li>- Internal wire clip</li> <li>- EPDM soft rubber carrier and bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> </ul>  |   |  <p><b>Bend Radius</b></p>   |
| <p><b>S4332</b></p>   |   |  |   |
|  | <ul style="list-style-type: none"> <li>- Bulb size: 19mm (3/4")</li> <li>- Material thickness: 1/8"</li> <li>- Roll size: 164 feet</li> <li>- Internal wire clip</li> <li>- EPDM soft rubber carrier and bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> </ul>  |  |  <p><b>Bend Radius</b></p> |
| <p><b>S4331</b></p>   |   |  |   |
|  | <ul style="list-style-type: none"> <li>- Bulb size: 19mm (3/4")</li> <li>- Material thickness: 3/16"</li> <li>- Roll size: 164 feet</li> <li>- Internal wire clip</li> <li>- EPDM soft rubber carrier and bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> </ul> |  |  <p><b>Bend Radius</b></p> |
| <p><b>S4342</b></p>   |   |  |   |


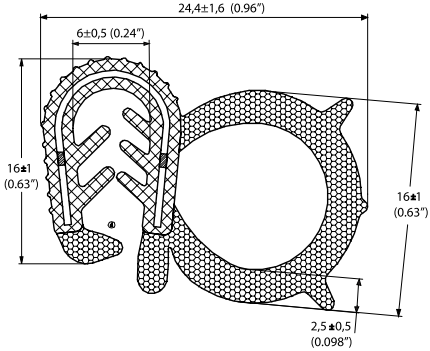
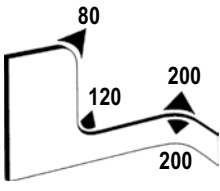
|   |   |  |  |
|---|---|--|--|
|  <p><b>Bend Radius</b></p> |  | <ul style="list-style-type: none"> <li>- Clamping Range: 0,5mm (.02") - 1,5mm (.06")</li> <li>- Roll size: 328 feet</li> <li>- Internal steel wire core</li> <li>- EPDM carrier (edge trim) and EPDM sealing lip or bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> <li>★ Available with EMI/RFI shielding upon request</li> </ul> |  <p><b>427021</b></p> |
|---|---|--|--|


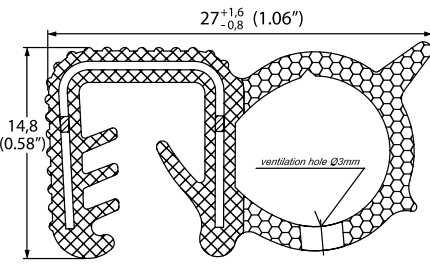
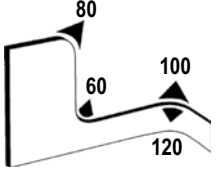
|   |  |  |  |
|---|--|--|--|
|  <p><b>Bend Radius</b></p> |  | <ul style="list-style-type: none"> <li>- Material Thickness: 1mm (.04") - 3mm (.12")</li> <li>- Roll size: 328 feet</li> <li>- Internal steel wire core</li> <li>- EPDM carrier (edge trim) and EPDM sealing lip or bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> <li>★ Available with EMI/RFI shielding upon request</li> </ul> |  <p><b>427009</b></p> |
|---|--|--|--|


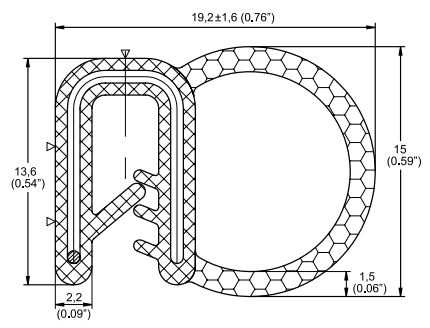
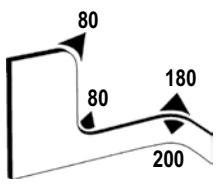
|   |   |  |  |
|---|---|--|--|
|  <p><b>Bend Radius</b></p> |  | <ul style="list-style-type: none"> <li>- Clamping Range: 1mm (.04") - 2,5mm (.10")</li> <li>- Roll size: 328 feet</li> <li>- Internal steel wire core</li> <li>- EPDM carrier (edge trim) and EPDM sealing lip or bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> <li>★ Available with EMI/RFI shielding upon request</li> </ul> |  <p><b>427026</b></p> |
|---|---|--|--|


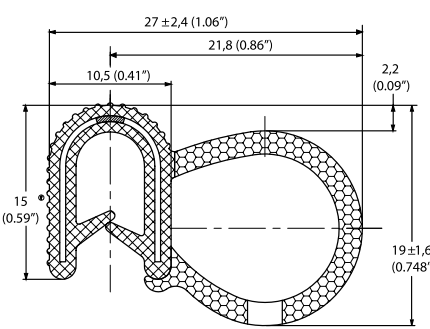
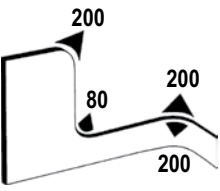
|   |   |  |  |
|---|---|--|--|
|  <p><b>Bend Radius</b></p> |  | <ul style="list-style-type: none"> <li>- Material Thickness: 2mm (.078")</li> <li>- Roll size: 328 feet</li> <li>- Internal steel wire core</li> <li>- EPDM carrier (edge trim) and EPDM sealing lip or bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> <li>★ Available with EMI/RFI shielding upon request</li> </ul> |  <p><b>427008</b></p> |
|---|---|--|--|

# SEALING PROFILE

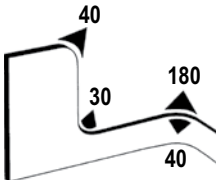
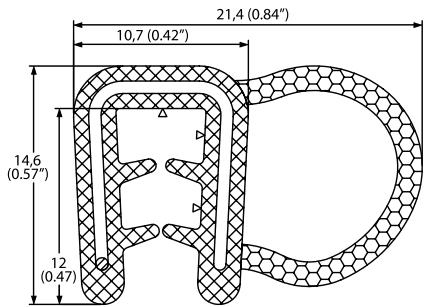

|  |   |  |   |
|--|---|--|---|
|  <p><b>RU</b></p> | <ul style="list-style-type: none"> <li>- Clamping Range: 4mm (.16") - 6mm (.24")</li> <li>- Roll size: 246 feet</li> <li>- Internal steel strip core</li> <li>- EPDM carrier (edge trim) and EPDM sealing lip or bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> </ul> <p>★ Available with EMI/RFI shielding upon request</p> |  |  <p><b>Bend Radius</b></p> |
| <p><b>427038</b></p>   |   |  |   |

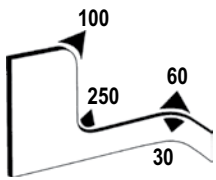
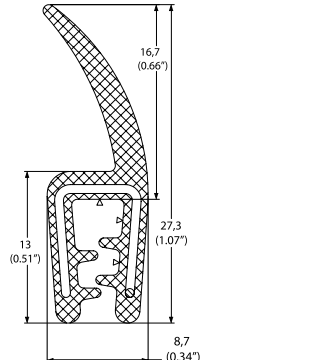

|  |   |   |   |
|--|---|---|---|
|  <p><b>RU</b></p> | <ul style="list-style-type: none"> <li>- Clamping Range: 4mm (.16") - 6mm (.24")</li> <li>- Roll size: 246 feet</li> <li>- Internal steel strip core</li> <li>- EPDM carrier (edge trim) and EPDM sealing lip or bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> </ul> <p>★ Available with EMI/RFI shielding upon request</p> |  |  <p><b>Bend Radius</b></p> |
| <p><b>427020-06</b></p>  |   |   |   |

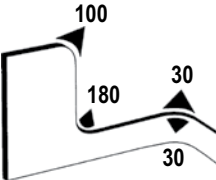
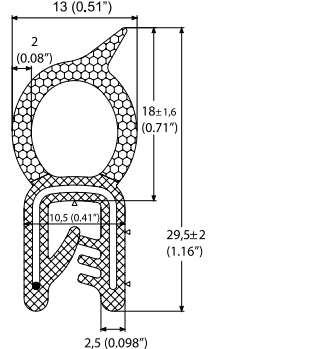

|  |   |  |   |
|--|---|--|---|
|  <p><b>RU</b></p> | <ul style="list-style-type: none"> <li>- Material thickness is 3mm (.12")</li> <li>- Roll size: 328 feet</li> <li>- Internal steel wire core</li> <li>- EPDM carrier (edge trim) and EPDM sealing lip or bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> </ul> <p>★ Available with EMI/RFI shielding upon request</p> |  |  <p><b>Bend Radius</b></p> |
| <p><b>A3626</b></p>  |   |  |   |

|  |   |  |   |
|--|---|--|---|
|  <p><b>RU</b></p> | <ul style="list-style-type: none"> <li>- Clamping Range: 1mm (.04") - 3,5mm (.14")</li> <li>- Roll size: 164 feet</li> <li>- Internal steel strip core</li> <li>- EPDM carrier (edge trim) and EPDM sealing lip or bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> </ul> <p>★ Available with EMI/RFI shielding upon request</p> |  |  <p><b>Bend Radius</b></p> |
| <p><b>427010</b></p>   |   |  |   |


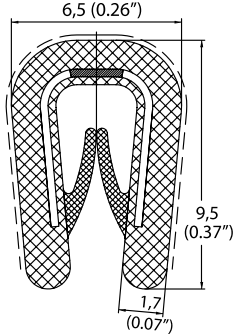
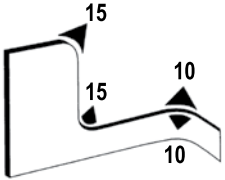

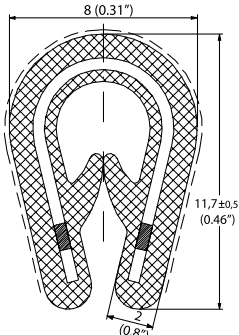
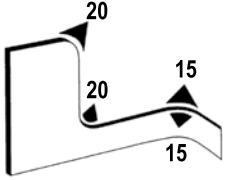

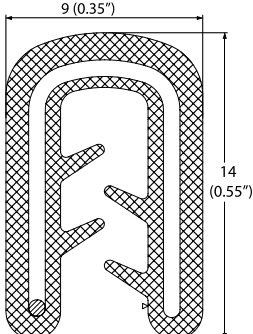
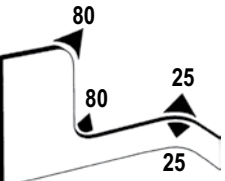

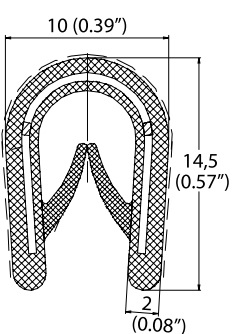
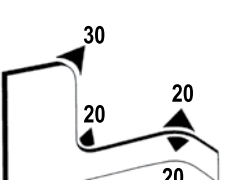


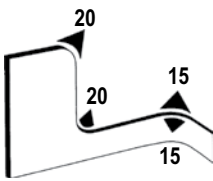
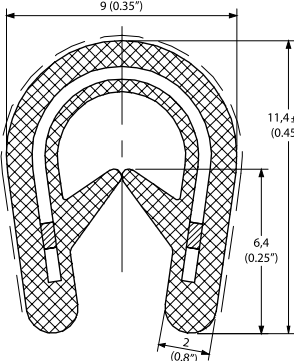

|   |   |  |  |
|---|---|--|--|
|  <p><b>Bend Radius</b></p> |  | <ul style="list-style-type: none"> <li>- Clamping Range: 1,5mm (.06") - 3mm (.12")</li> <li>- Roll size: 328 feet</li> <li>- Internal steel wire core</li> <li>- EPDM carrier (edge trim) and EPDM sealing lip or bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> <li>★ Available with EMI/RFI shielding upon request</li> </ul> |  <p><b>427045</b></p> |
|---|---|--|--|

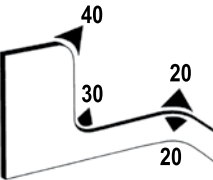
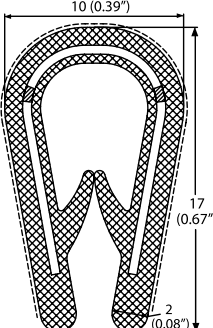

|   |  |  |   |
|---|--|--|---|
|  <p><b>Bend Radius</b></p> |  | <ul style="list-style-type: none"> <li>- Clamping Range: 1mm (.04") - 3mm (.12")</li> <li>- Roll size: 328 feet</li> <li>- Internal steel wire core</li> <li>- EPDM carrier (edge trim) and EPDM sealing lip or bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> <li>★ Available with EMI/RFI shielding upon request</li> </ul> |  <p><b>427061</b></p> |
|---|--|--|---|

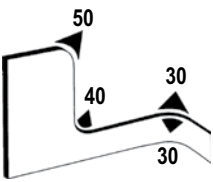
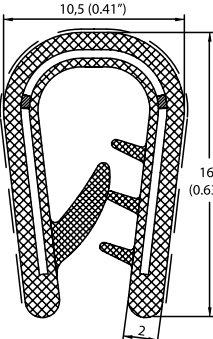

|   |   |  |   |
|---|---|--|---|
|  <p><b>Bend Radius</b></p> |  | <ul style="list-style-type: none"> <li>- Material Thickness: 2,5mm (.098")</li> <li>- Roll size: 328 feet</li> <li>- Internal steel wire core</li> <li>- EPDM carrier (edge trim) and EPDM sealing lip or bulb</li> <li>- Recommended operating temp. range is -40° to +212° F</li> <li>- Color: Black</li> <li>★ Available with EMI/RFI shielding upon request</li> </ul> |  <p><b>427029-02</b></p> |
|---|---|--|---|

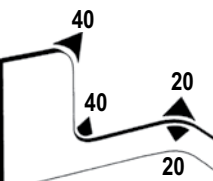
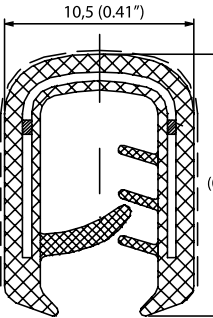

# PVC EDGE TRIM

|   |  |  |   |
|---|--|--|---|
|    | <ul style="list-style-type: none"> <li>- Clamping Range: 1mm (.04") - 2mm (.08")</li> <li>- Roll size: 328 feet</li> <li>- Self gripping edge protection</li> <li>- Material: PVC with broken steel carrier</li> <li>- Color: Black</li> </ul>   |    |  <p><b>Bend Radius</b></p>   |
| <p><b>416002</b></p>  |  |  |   |
|    | <ul style="list-style-type: none"> <li>- Clamping Range: 1mm (.04") - 2,5mm (.10")</li> <li>- Roll size: 328 feet</li> <li>- Self gripping edge protection</li> <li>- Material: PVC with broken steel carrier</li> <li>- Color: Black</li> </ul> |   |  <p><b>Bend Radius</b></p>   |
| <p><b>416009</b></p>  |  |  |   |
|  | <ul style="list-style-type: none"> <li>- Clamping Range: 1mm (.04") - 2,5mm (.10")</li> <li>- Roll size: 656 feet</li> <li>- Self gripping edge protection</li> <li>- Material: PVC with wire carrier</li> <li>- Color: Black</li> </ul>         |  |  <p><b>Bend Radius</b></p> |
| <p><b>S3000</b></p>   |  |  |   |
|  | <ul style="list-style-type: none"> <li>- Clamping Range: 1mm (.04") - 4mm (.16")</li> <li>- Roll size: 328 feet</li> <li>- Self gripping edge protection</li> <li>- Material: PVC with broken steel carrier</li> <li>- Color: Black</li> </ul>   |  |  <p><b>Bend Radius</b></p> |
| <p><b>416001</b></p>  |  |  |   |

|   |   |  |   |
|---|---|--|---|
|  <p><b>Bend Radius</b></p> |  | <ul style="list-style-type: none"> <li>- Clamping Range: 2mm (.08") - 4mm (.16")</li> <li>- Roll size: 328 feet</li> <li>- Self gripping edge protection</li> <li>- Material: PVC with broken steel carrier</li> <li>- Color: Black</li> </ul> |  <p><b>S3100</b></p> |
|---|---|--|---|

|   |  |  |  |
|---|--|--|--|
|  <p><b>Bend Radius</b></p> |  | <ul style="list-style-type: none"> <li>- Clamping Range: 2mm (.08") - 4mm (.16")</li> <li>- Roll size: 328 feet</li> <li>- Self gripping edge protection</li> <li>- Material: PVC with broken steel carrier</li> <li>- Color: Black</li> </ul> |  <p><b>416006</b></p> |
|---|--|--|--|

|   |   |  |   |
|---|---|--|---|
|  <p><b>Bend Radius</b></p> |  | <ul style="list-style-type: none"> <li>- Clamping Range: 2mm (.08") - 4mm (.16")</li> <li>- Roll size: 328 feet</li> <li>- Self gripping edge protection</li> <li>- Material: PVC with broken steel carrier</li> <li>- Color: Black</li> </ul> |  <p><b>S3101</b></p> |
|---|---|--|---|

|   |   |   |   |
|---|---|---|---|
|  <p><b>Bend Radius</b></p> |  | <ul style="list-style-type: none"> <li>- Clamping Range: 2mm (.08") - 5mm (.20")</li> <li>- Roll size: 328 feet</li> <li>- Self gripping edge protection</li> <li>- Material: PVC with un-broken steel carrier</li> <li>- Color: Black</li> </ul> |  <p><b>S3201</b></p> |
|---|---|---|---|

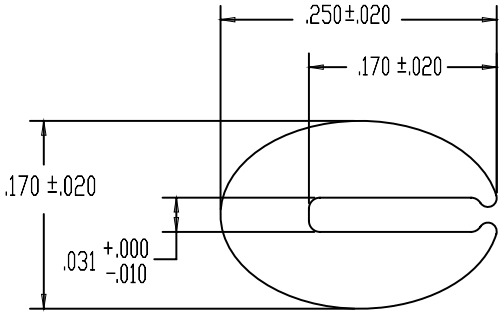

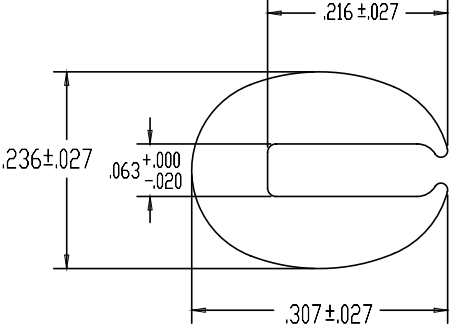

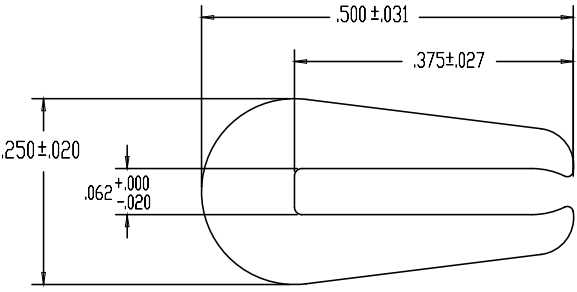
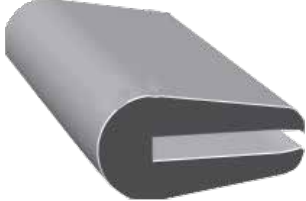
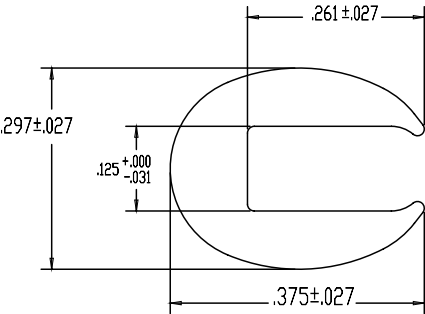

# PVC EDGE TRIM



|                      |  |  |                           |
|----------------------|--|--|---------------------------|
|                      | <ul style="list-style-type: none"> <li>- Clamping Range: 2mm (.08") - 5mm (.20")</li> <li>- Roll size: 328 feet</li> <li>- Self gripping edge protection</li> <li>- Material: PVC with broken steel carrier</li> <li>- Color: Black</li> </ul> |  | <p><b>Bend Radius</b></p> |
| <p><b>416008</b></p> |  |  |                           |


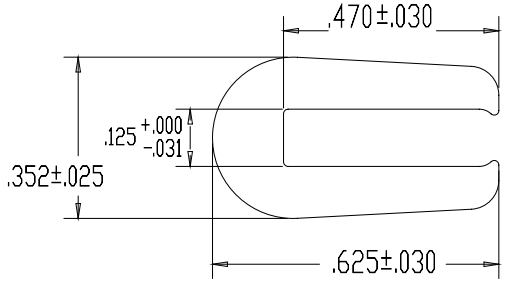
|                     |  |  |                           |
|---------------------|--|--|---------------------------|
|                     | <ul style="list-style-type: none"> <li>- Material Thickness: 6.5mm (0.26")</li> <li>- Roll size: 328 feet</li> <li>- Self gripping edge protection</li> <li>- Material: PVC with broken steel carrier</li> <li>- Color: Black</li> </ul> |  | <p><b>Bend Radius</b></p> |
| <p><b>S3200</b></p> |  |  |                           |




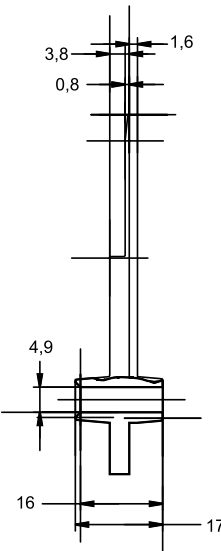
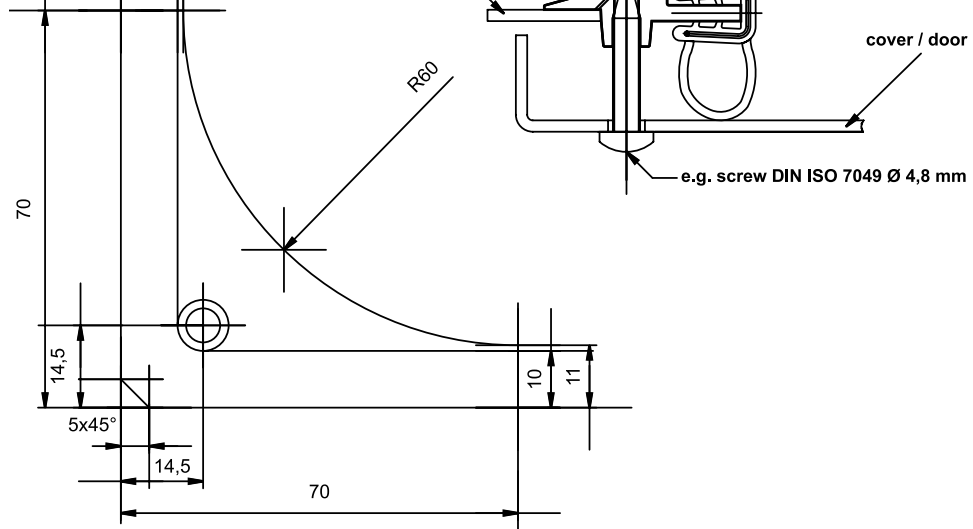
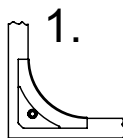
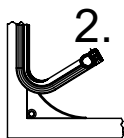
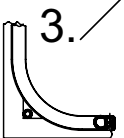
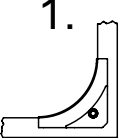
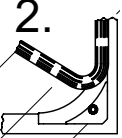
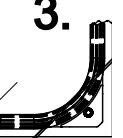
|   |   |   |
|---|---|---|
|    | <ul style="list-style-type: none"> <li>- Material thickness: .03" wide</li> <li>- Roll size: 500 feet</li> <li>- Highly flexible</li> <li>- Material: EPDM rubber</li> <li>- Recommended operating temp. range is -40° to +225° F</li> <li>- P/N: X1001WG w/ butyl sealant for improved grip and positive seal is available upon request only</li> </ul>        |  <p style="text-align: center;"><b>X1001</b></p>   |
|   | <ul style="list-style-type: none"> <li>- Material thickness: .0625" wide</li> <li>- Roll size: 500 feet</li> <li>- Highly flexible</li> <li>- Material: EPDM rubber</li> <li>- Recommended operating temp. is -40° to +225° F</li> <li>- P/N: X1002WG w/ butyl sealant for improved grip and positive seal is available upon request only</li> </ul>            |  <p style="text-align: center;"><b>X1002</b></p>   |
|  | <ul style="list-style-type: none"> <li>- Material thickness: .0625" wide</li> <li>- Roll size: 500 feet</li> <li>- Material: EPDM rubber</li> <li>- Recommended operating temp. range is -40° to +225° F</li> <li>- P/N: X1011WG w/ butyl sealant for improved grip and positive seal is available upon request only</li> </ul>                                 |  <p style="text-align: center;"><b>X1011</b></p> |
|  | <ul style="list-style-type: none"> <li>- Material thickness: .125" wide</li> <li>- Roll size: 500 feet</li> <li>- Highly flexible</li> <li>- Material: EPDM rubber</li> <li>- Recommended operating temp. range range is -40° to +225° F</li> <li>- P/N: X1003WG w/ butyl sealant for improved grip and positive seal is available upon request only</li> </ul> |  <p style="text-align: center;"><b>X1003</b></p> |

# RUBBER EDGE TRIM



|   |  |  |
|---|--|--|
|  | <ul style="list-style-type: none"> <li>- Material thickness: .125" wide</li> <li>- Roll size: 250 feet</li> <li>- Material: EPDM rubber</li> <li>- Recommended operating temp. range is -40° to +225° F</li> <li>- P/N: X1012WG w/ butyl sealant for improved grip and positive seal is available upon request only</li> </ul> |  |
| <p><b>X1012</b></p>   |  |  |

|  |  |
|--|--|
|  | <ul style="list-style-type: none"> <li>- The corner radius is used to assemble self locking sealing pro files to 90° inside corners. It creates a radius and enables an easier installation</li> <li>- The corner radius is fixed to the flange of the body profile by the self locking sealing profile and kept in position</li> <li>- No welding and grinding of junction plates due to the corner radius</li> <li>- The corner radius gets inserted and installed with the sealing profile after painting the frame</li> <li>- Due to the integrated screw connector at the inserted corner radius, no additional hardware is required</li> </ul> |
| <p><b>K2-103</b></p>   |  |

|   |  |   |  |   |   |
|---|--|---|--|---|---|
|  | <p style="text-align: center;">Sectional drawing A-A</p>  <p style="text-align: center;"><b>Operation work flow when assembled</b></p> |   |  |   |   |
|  |   |  |  |  |  |

|  |  |                  |
|--|--|------------------|
|  | <ul style="list-style-type: none"> <li>- One piece version</li> <li>- Roll size: 50 feet</li> <li>- Glass panel thickness: 4,7mm (.19") - 6,4mm (.25")</li> <li>- Body panel thickness: 1,9mm (.08") - 3,6mm (.14")</li> <li>- Maximum Bend Radius: 50,8mm (2")</li> <li>- Material: EPDM rubber</li> <li>- 80 +/- 5 Shore A</li> <li>- Color: Black</li> <li>- Weather, tear and stain resistant</li> </ul> |                  |
|  |  | <h2>AS-1660</h2> |


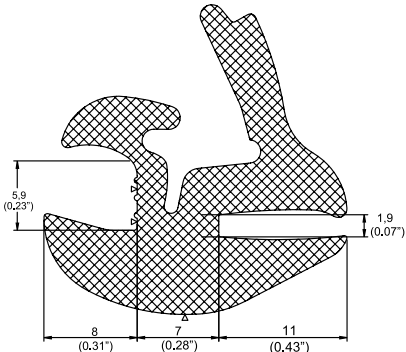
|  |  |                  |
|--|--|------------------|
|  | <ul style="list-style-type: none"> <li>- One piece version</li> <li>- Roll size: 50 feet</li> <li>- Glass panel thickness: 4,7mm (.19") - 6,4mm (.25")</li> <li>- Body panel thickness: 2,4mm (.09") - 3,6mm (.14")</li> <li>- Maximum Bend Radius: 38,1mm (1.5")</li> <li>- Material: EPDM rubber</li> <li>- 80 +/- 5 Shore A</li> <li>- Color: Black</li> <li>- Weather, tear and stain resistant</li> </ul> |                  |
|  |  | <h2>AS-1663</h2> |


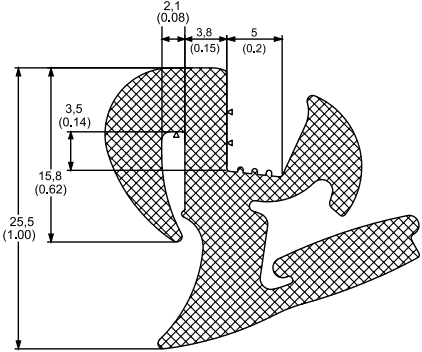
|  |  |                 |
|--|--|-----------------|
|  | <ul style="list-style-type: none"> <li>- One piece version</li> <li>- Roll size: 50 feet</li> <li>- Glass panel thickness: 4,7mm (.19") - 6,4mm (.25")</li> <li>- Body panel thickness: 2,4mm (.09") - 3,6mm (.14")</li> <li>- Maximum Bend Radius: 38,1mm (1.5")</li> <li>- Material: EPDM rubber</li> <li>- 80 +/- 5 Shore A</li> <li>- Color: Black</li> <li>- Weather, tear and stain resistant</li> </ul> |                 |
|  |  | <h2>AS-990</h2> |


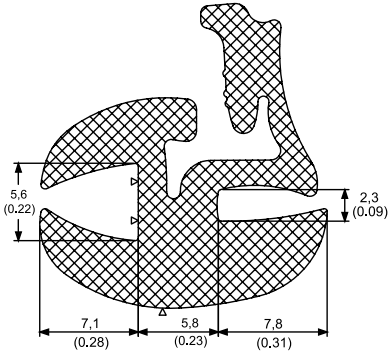
|  |  |                 |
|--|--|-----------------|
|  | <ul style="list-style-type: none"> <li>- One piece version</li> <li>- Roll size: 50 feet</li> <li>- Glass panel thickness: 4,7mm (.19") - 6,4mm (.25")</li> <li>- Body panel thickness: 2,4mm (.09") - 3,6mm (.14")</li> <li>- Maximum Bend Radius: 63,5mm (2.5")</li> <li>- Material: EPDM rubber</li> <li>- 80 +/- 5 Shore A</li> <li>- Color: Black</li> <li>- Weather, tear and stain resistant</li> </ul> |                 |
|  |  | <h2>AS-987</h2> |


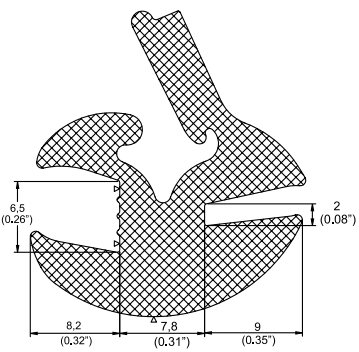
# GLAZING PROFILE




|   |  |  |
|---|--|--|
|  | <ul style="list-style-type: none"> <li>- One piece version</li> <li>- Roll size: 50 feet</li> <li>- Glass panel thickness: 4,7mm (.19") - 6,4mm (.25")</li> <li>- Body panel thickness: 0,9mm (.04") - 1,7mm (.07")</li> <li>- Maximum Bend Radius: 63,5mm (2.5")</li> <li>- Material: EPDM rubber</li> <li>- 80 +/- 5 Shore A</li> <li>- Color: Black</li> <li>- Weather, tear and stain resistant</li> </ul> |  |
| <p><b>AS-1522</b></p>   |  |  |


|   |  |   |
|---|--|---|
|  | <ul style="list-style-type: none"> <li>- One piece version</li> <li>- Roll size: 50 feet</li> <li>- Glass panel thickness: 4,7mm (.19") - 6,4mm (.25")</li> <li>- Body panel thickness: 1,2mm (.05") - 1,9mm (.08")</li> <li>- Maximum Bend Radius: 50,8mm (2")</li> <li>- Material: EPDM rubber</li> <li>- 80 +/- 5 Shore A</li> <li>- Color: Black</li> <li>- Weather, tear and stain resistant</li> </ul> |  |
| <p><b>AS-1621</b></p>   |  |   |

|   |  |  |
|---|--|--|
|  | <ul style="list-style-type: none"> <li>- One piece version</li> <li>- Roll size: 50 feet</li> <li>- Glass panel thickness: 4,7mm (.19") - 6,4mm (.25")</li> <li>- Body panel thickness: 1,4mm (.05") - 2,4mm (.10")</li> <li>- Maximum Bend Radius: 63,5mm (2.5")</li> <li>- Material: EPDM rubber</li> <li>- 80 +/- 5 Shore A</li> <li>- Color: Black</li> <li>- Weather, tear and stain resistant</li> </ul> |  |
| <p><b>AS-893</b></p>  |  |  |


|   |  |   |
|---|--|---|
|  | <ul style="list-style-type: none"> <li>- One piece version</li> <li>- Roll size: 50 feet</li> <li>- Glass panel thickness: 4,7mm (.19") - 6,4mm (.25")</li> <li>- Body panel thickness: 1,8mm (.06") - 2,4mm (.09")</li> <li>- Maximum Bend Radius: 50,8mm (2")</li> <li>- Material: EPDM rubber</li> <li>- 80 +/- 5 Shore A</li> <li>- Color: Black</li> <li>- Weather, tear and stain resistant</li> </ul> |  |
| <p><b>AS-1615</b></p>   |  |   |




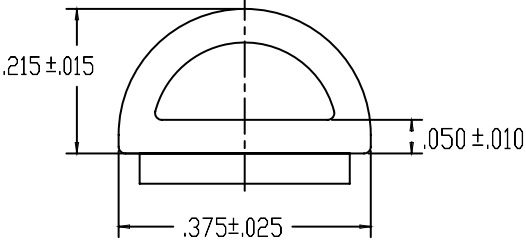
|  |   |   |
|--|---|---|
|  | <ul style="list-style-type: none"> <li>- Two piece version</li> <li>- Roll size: 50 feet</li> <li>- Glass panel thickness: 4,7mm (.19") - 6,4mm (.25")</li> <li>- Body panel thickness: 2,4mm (.09") - 3,6mm (.14")</li> <li>- Maximum Bend Radius: 63,mm (2.5")</li> <li>- Material: EPDM rubber</li> <li>- 80 +/- 5 Shore A</li> <li>- Color: Black</li> <li>- Weather, tear and stain resistant</li> </ul> |  <p style="text-align: center;"><b>AS-1179</b></p> |
|--|---|---|


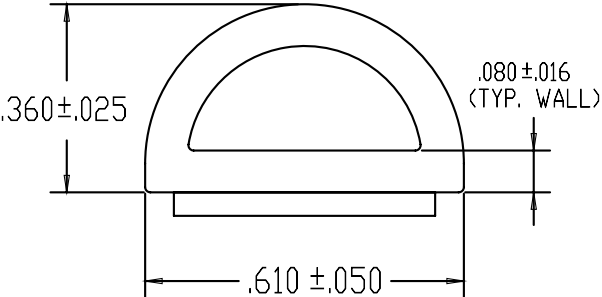
|  |  |   |
|--|--|---|
|  | <ul style="list-style-type: none"> <li>- Two piece version</li> <li>- Roll size: 50 feet</li> <li>- Glass panel thickness: 4,7mm (.19") - 6,4mm (.25")</li> <li>- Body panel thickness: 4,4mm (.17") - 5mm (.20")</li> <li>- Maximum Bend Radius: 50,8mm (2")</li> <li>- Material: EPDM rubber</li> <li>- 80 +/- 5 Shore A</li> <li>- Color: Black</li> <li>- Weather, tear and stain resistant</li> </ul> |  <p style="text-align: center;"><b>AS-1456</b></p> |
|--|--|---|


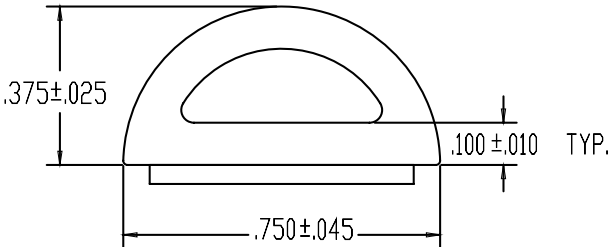
## Filler Profile


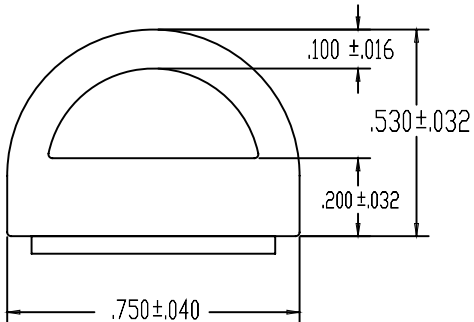
|  |   |  |
|--|---|--|
|  | <ul style="list-style-type: none"> <li>- Accessory piece used with part # AS-1179 and # AS-1456</li> <li>- Roll size: 200 feet</li> <li>- Filler profile</li> <li>- Material: EPDM rubber</li> <li>- 80 +/- 5 Shore A</li> <li>- Color: Black</li> <li>- Weather, tear and stain resistant</li> </ul> |  <p style="text-align: center;"><b>AS-937</b></p> |
|--|---|--|

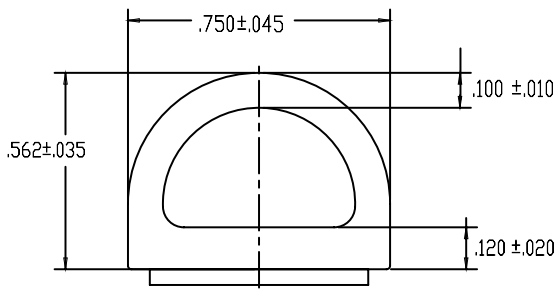

# SPONGE RUBBER

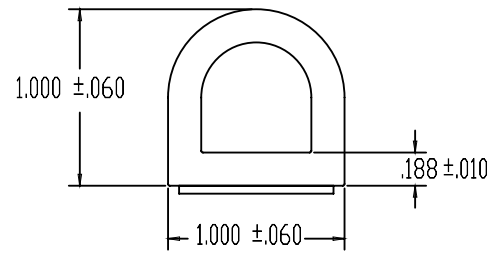

|   |   |  |
|---|---|--|
|  | <ul style="list-style-type: none"> <li>- Made from a custom formulated sponge rubber compound</li> <li>- Recommended operating temp. range is -40° to +212°F</li> <li>- Maximum compression of 50% recommended for max. performance</li> <li>- Roll size: 500 feet</li> <li>- P/N X1333HT- uses standard bond adhesive</li> <li>- P/N X1333BT - uses 3M high strength tape</li> </ul> |  |
| <p><b>X1333HT</b></p>   | <p><b>X1333BT</b></p>   |  |

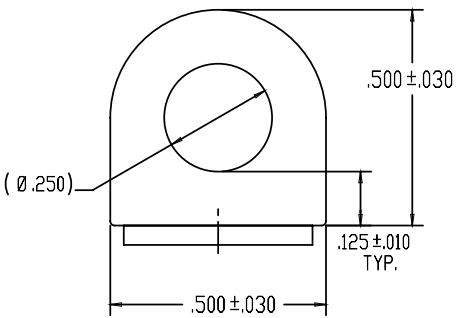

|   |   |   |
|---|---|---|
|  | <ul style="list-style-type: none"> <li>- Made from a custom formulated sponge rubber compound</li> <li>- Recommended operating temp. range is -40° to +212°F</li> <li>- Maximum compression of 50% recommended for max. performance</li> <li>- Roll size: 500 feet</li> <li>- P/N X109HT- uses standard bond adhesive</li> <li>- P/N X109BT - uses 3M high strength tape</li> </ul> |  |
| <p><b>X109HT</b></p>  | <p><b>X109BT</b></p>  |   |

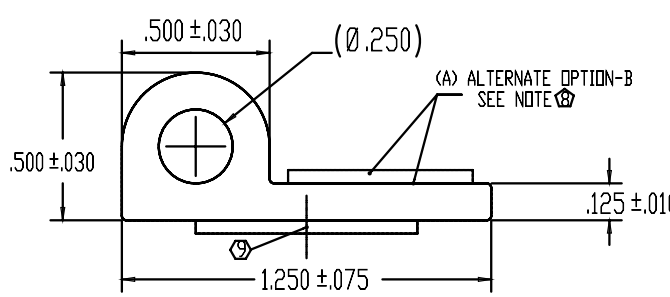

|   |   |  |
|---|---|--|
|  | <ul style="list-style-type: none"> <li>- Made from a custom formulated sponge rubber compound</li> <li>- Recommended operating temp. range is -40° to +212°F</li> <li>- Maximum compression of 50% recommended for max. performance</li> <li>- Roll size: 500 feet</li> <li>- P/N X119HT- uses standard bond adhesive</li> <li>- P/N X119BT - uses 3M high strength tape</li> </ul> |  |
| <p><b>X119HT</b></p>  | <p><b>X119BT</b></p>  |  |

|   |   |  |
|---|---|--|
|  | <ul style="list-style-type: none"> <li>- Made from a custom formulated sponge rubber compound</li> <li>- Recommended operating temp. range is -40° to +212°F</li> <li>- Maximum compression of 50% recommended for max. performance</li> <li>- Roll size: 500 feet</li> <li>- P/N X125HT- uses standard bond adhesive</li> <li>- P/N X125BT - uses 3M high strength tape</li> </ul> |  |
| <p><b>X125HT</b></p>  | <p><b>X125BT</b></p>  |  |

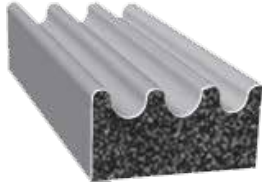
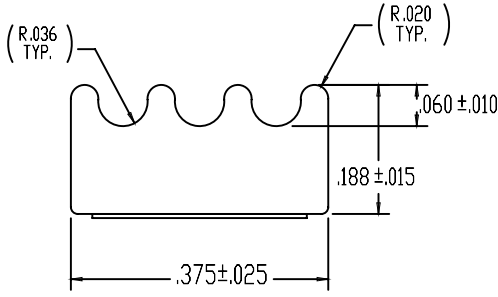
|   |   |  |
|---|---|--|
|  <p>Technical drawing of a semi-circular seal profile. Dimensions: width <math>.750 \pm .045</math>, total height <math>.562 \pm .035</math>, top thickness <math>.100 \pm .010</math>, and bottom thickness <math>.120 \pm .020</math>.</p> | <ul style="list-style-type: none"> <li>- Made from a custom formulated sponge rubber compound</li> <li>- Recommended operating temp. range is <math>-40^{\circ}</math> to <math>+212^{\circ}</math>F</li> <li>- Maximum compression of 50% recommended for max. performance</li> <li>- Roll size: 250 feet</li> <li>- P/N X135HT- uses standard bond adhesive</li> <li>- P/N X135BT - uses 3M high strength tape</li> </ul> |  <p><b>X135HT</b>   <b>X135BT</b></p> |
|---|---|--|

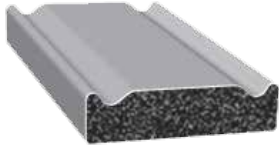
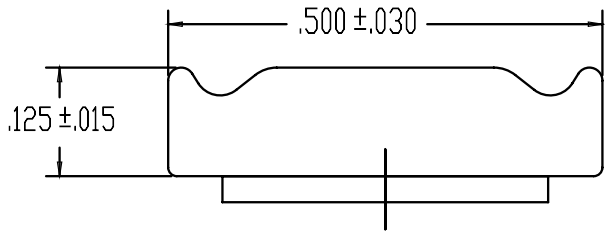
|  |   |  |
|--|---|--|
|  <p>Technical drawing of a semi-circular seal profile. Dimensions: width <math>1.000 \pm .060</math>, total height <math>1.000 \pm .060</math>, and bottom thickness <math>.188 \pm .010</math>.</p> | <ul style="list-style-type: none"> <li>- Made from a custom formulated sponge rubber compound</li> <li>- Recommended operating temp. range is <math>-40^{\circ}</math> to <math>+212^{\circ}</math>F</li> <li>- Maximum compression of 50% recommended for max. performance</li> <li>- Roll size: 125 feet</li> <li>- P/N X5272HT- uses standard bond adhesive</li> <li>- P/N X5272BT - uses 3M high strength tape</li> </ul> |  <p><b>X5272HT</b>   <b>X5272BT</b></p> |
|--|---|--|

|  |   |  |
|--|---|--|
|  <p>Technical drawing of a semi-circular seal profile with a central hole. Dimensions: width <math>.500 \pm .030</math>, total height <math>.500 \pm .030</math>, hole diameter <math>(\varnothing .250)</math>, and bottom thickness <math>.125 \pm .010</math> TYP.</p> | <ul style="list-style-type: none"> <li>- Made from a custom formulated sponge rubber compound</li> <li>- Recommended operating temp. range is <math>-40^{\circ}</math> to <math>+212^{\circ}</math>F</li> <li>- Maximum compression of 50% recommended for max. performance</li> <li>- Roll size: 500 feet</li> <li>- P/N X202HT- uses standard bond adhesive</li> <li>- P/N X202BT - uses 3M high strength tape</li> </ul> |  <p><b>X202HT</b>   <b>X202BT</b></p> |
|--|---|--|

|  |   |  |
|--|---|--|
|  <p>Technical drawing of a semi-circular seal profile with a central hole and a flange. Dimensions: width <math>.500 \pm .030</math>, total height <math>.500 \pm .030</math>, hole diameter <math>(\varnothing .250)</math>, bottom thickness <math>.125 \pm .010</math>, and total length <math>1.250 \pm .075</math>. Note: (A) ALTERNATE OPTION-B SEE NOTE.</p> | <ul style="list-style-type: none"> <li>- Made from a custom formulated sponge rubber compound</li> <li>- Recommended operating temp. range is <math>-40^{\circ}</math> to <math>+212^{\circ}</math>F</li> <li>- Maximum compression of 50% recommended for max. performance</li> <li>- Roll size: 250 feet</li> <li>- P/N X2199HT- uses standard bond adhesive</li> <li>- P/N X2199BT - uses 3M high strength tape</li> </ul> |  <p><b>X2199HT</b>   <b>X2199BT</b></p> |
|--|---|--|

# SPONGE RUBBER

|   |               |   |  |
|---|---------------|---|--|
|  |               | <ul style="list-style-type: none"> <li>- Made from a custom formulated sponge rubber compound</li> <li>- Recommended operating temp. range is -20° to +150°F</li> <li>- Maximum compression of 50% recommended for max. performance</li> <li>- Roll size: 500 feet</li> <li>- P/N X113HT- uses standard bond adhesive</li> <li>- P/N X113BT - uses 3M high strength tape</li> </ul> |  |
| <b>X113HT</b>   | <b>X113BT</b> |   |  |

|   |               |   |   |
|---|---------------|---|---|
|  |               | <ul style="list-style-type: none"> <li>- Made from a custom formulated sponge rubber compound</li> <li>- Recommended operating temp. range is -40° to +212°F</li> <li>- Maximum compression of 50% recommended for max. performance</li> <li>- Roll size: 500 feet</li> <li>- P/N X112HT- uses standard bond adhesive</li> <li>- P/N X112BT - uses 3M high strength tape</li> </ul> |  |
| <b>X112HT</b>   | <b>X112BT</b> |   |   |

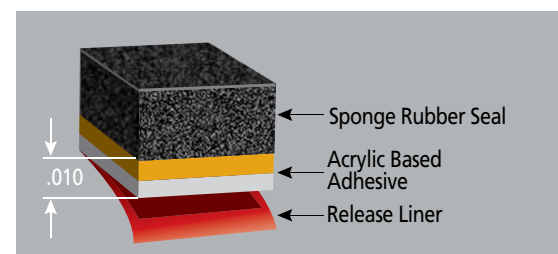
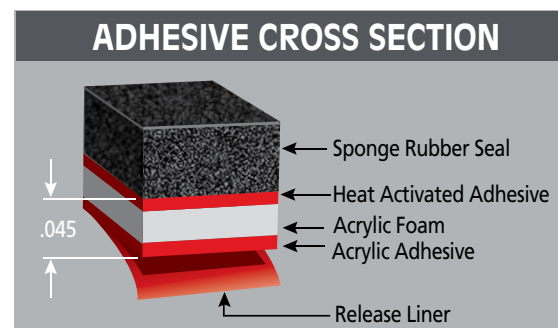
# ADHESIVE

## **BT** 3M™ BONDED TAPE SYSTEM

The ultimate bond to the rubber and the ultimate bond to the substrate. Specifically designed to perform in dynamic applications, this engineered tape system creates a moisture barrier and air tight seal between rubber and substrate. Highest peel and shear resistance, low initial tack for easy repositioning during installation and needs 72 hours of cure time to come to full bond strength. Good heat performance -20F to +158F.

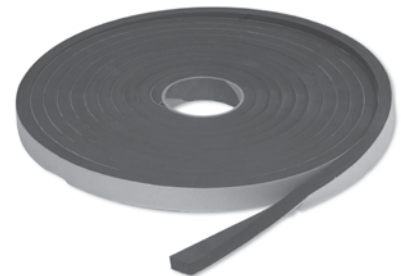
## **HT** STANDARD PRESSURE SENSITIVE ADHESIVE

This acrylic based adhesive is best when used to hold the rubber seal in place in a static application or compressed between two stationary objects. May be used in some light duty dynamic applications against a variety of substrates. Good heat performance -20F to +158F.



## Closed Cell Neoprene Gasket

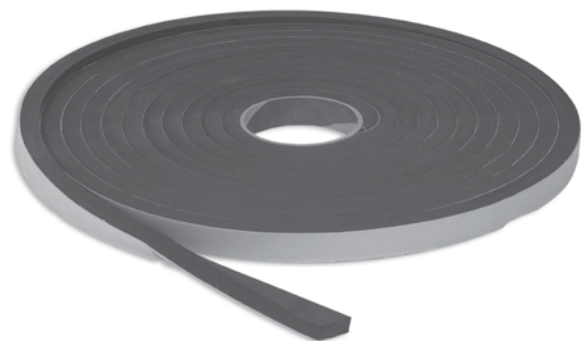
- Closed cell neoprene material is flexible and highly compressible making it suitable for a wide variety of applications
- Rubber based pressure sensitive adhesive provides easy installation
- Excellent resistance to chemicals
- Meets SCE and RE specifications
- Meets UL94HF-1 (foam only)
- Furnished with adhesive on one side
- ★ Available without adhesive or adhesive on both sides upon request
- ★ Acrylic based adhesive available upon request
- ★ Thicknesses up to 3/4" and widths up to 42" available (request quote)



| Part Numbers | Thickness | Width | Roll Size | Part Numbers | Thickness | Width | Roll Size |
|--------------|-----------|-------|-----------|--------------|-----------|-------|-----------|
| 1/8 X 1/2    | .125"     | .50"  | 75'       | 1/4 X 1/2    | .25"      | .50"  | 50'       |
| 1/8 X 3/4    | .125"     | .75"  | 75'       | 1/4 X 3/4    | .25"      | .75"  | 50'       |
| 1/8 X 1      | .125"     | 1.00" | 75'       | 1/4 X 1      | .25"      | 1.00" | 50'       |
| 3/16 X 1/2   | .187"     | .50"  | 50'       | 3/8 X 1/2    | .375"     | .50"  | 25'       |
| 3/16 X 3/4   | .187"     | .75"  | 50'       | 3/8 X 3/4    | .375"     | .75"  | 25'       |
| 3/16 X 1     | .187"     | 1.00" | 50'       | 3/8 X 1      | .375"     | 1.00" | 25'       |

## Polyurethane Foam

- Material: Micro-cellular Polyurethane
- U/L rated: UL94HBF / ULJMST2, MH15464
- Mildew / bacteria resistant
- UV resistant
- 3M acrylic PSA
- Sold by the roll, priced by the foot
- Additional sizes available upon request
- ★ P1/8 X 1, P3/16 X 1, P1/4 X 1/2, and P1/4 X 1 are ONLY available upon special request



| Part Numbers | Thickness | Width | Roll Size | Part Numbers  | Thickness | Width | Roll Size |
|--------------|-----------|-------|-----------|---------------|-----------|-------|-----------|
| P 1/8 X 1/2  | .125"     | .50"  | 80'       | ★ P 1/4 X 1/2 | .25"      | .50"  | 40'       |
| P 1/8 X 3/4  | .125"     | .75"  | 80'       | P 1/4 X 3/4   | .25"      | .75"  | 40'       |
| ★ P 1/8 X 1  | .125"     | 1.00" | 80'       | ★ P 1/4 X 1   | .25"      | 1.00" | 40'       |
| P 3/16 X 1/2 | .187"     | .50"  | 50'       | P 3/8 X 1/2   | .375"     | .50"  | 30'       |
| P 3/16 X 3/4 | .187"     | .75"  | 50'       | P 3/8 X 3/4   | .375"     | .75"  | 30'       |
| ★ P 3/16 X 1 | .187"     | 1.00" | 50'       | P 3/8 X 1     | .375"     | 1.00" | 30'       |

## PVC and TPE Quality

### - *Thermoplastic Elastomers*

Elastic, supple and flexible - these are the properties typical for rubber.

Rubber is made from caoutchouc, a natural or synthetic product. Caoutchouc is a viscous plastic material, which is transformed into elastic rubber only by adding polymerizing substances such as sulphur or peroxide and subsequent heating. During this "vulcanization" the thread-like caoutchouc molecules polymerize due to the build-up of chemical bonds between each other. This polymerization is the reason for the products elasticity. The vulcanization can only be reversed by thermal destruction.

The **Thermoplastic Elastomer (TPE's)** show a completely different behavior. As their name conveys, these materials turn into plastic during heating, (Greek: thermos = heat), when cooling, however, they revert to elastic behavior again. In contrast to the **chemical polymerization** of rubber, in this case a **physical polymerization** occurs.

TPE's range between thermoplastics and elastomers. They can be processed as easily as thermoplastics and have the most important properties of rubber. Above all, TPE's are not a risk to the environment. In contrast to rubber, TPE's can simply be recycled and reprocessed.

In the mean time, there exists a plurality of TPE qualities for the most various applications such as the food handling industry which must comply with FDA quality standards.

## PVC

PVC (polyvinylyl-chloride) is an important polymer. *PVC* has been produced for more than 55 years.

The advantages of *PVC* are its stability as a material and it has extremely good resistance against weather. *PVC* does not corrode. *PVC* is hardly flammable and does not depolymerize. Formation of dioxins during combustion is an extreme disadvantage.

*PVC* is mostly used in construction, packaging and medical products. There is a difference made between hard PVC, used in pipes, profiles for windows and borders (ratio of PVC: 77-89%) and soft PVC, which is used in insulation, tubes, floors and edge protection profiles (ratio of PVC: 44-61%).

## Sponge Rubber Varieties

### - *Natural Rubber (NR)*

Harvested as latex from the *Hevea brasiliensis*, polymerized with sulfur.

**Temperature range:** -40° to +158° F.

**Advantages:** Good elasticity and mechanical properties (tear and abrasion resistance, notch toughness, elasticity), no remaining deformation after strain, and high resistance to alternating bending.

**Disadvantages:** Medium to low resistance to oil, weather and ozone, as well as thermal resistance; flammable.

### - *Ethylene-Propylene-Diene Monomer (EPDM)*

Synthetic caoutchouc, terpolymers (EPDM polymerized with sulfur).

**Temperature range:** -58° to +248° F dry conditions; with water & steam up to 266° F.

**Advantages:** Excellent weather resistance, as well as aging, ozone, chemicals, hot water and steam; good resistance to polar fluids such as acetone, methanol etc. outstanding electrical insulation properties, low steam permeability, good thermal resistance, extremely low brittleness temperature.

**Disadvantages:** Low resistance to aliphatic and aromatic hydrocarbons (mineral oil, petrol, fuels); flammable.

### - *Polychloroprene (CR)*

Synthetic caoutchouc mostly polymerized with metal oxides, not sulfur.

**Temperature range:** -22° to +194° F, hot water not recommended.

**Advantages:** Good thermal resistance as well as aging, weather, ozone, low flammability, high resistance to alternating bend, medium resistance against oil (higher than NR, lower than nitrile rubber; good mechanical properties and elasticity, but not as good as NR; small deformation remaining).

**Disadvantages:** According to type of CR-Type, possibility of crystallization due to lasting cold.

### - *Nitrile Rubber (NBR)*

Synthetic caoutchouc, Polyacryl-Nitrile-Butadiene rubber polymerized with sulfur.

**Temperature range:** -4° to +212° F with dry conditions, hardens with hot air, with oils up to +248° F, with water up to +176° F.

**Advantages:** High oil, petrol and thermal resistance, good mechanical toughness, low remaining deformation under pressure.

**Disadvantages:** Very low weather and ozone resistance, low elasticity, flammable.

### - *Colors*

All sponge rubber round and square cords are available in black and light grey.

# PRODUCT DESCRIPTION

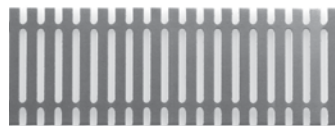
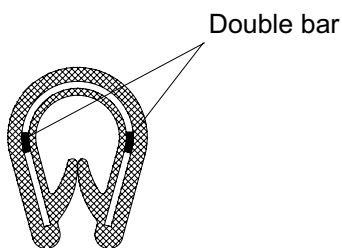
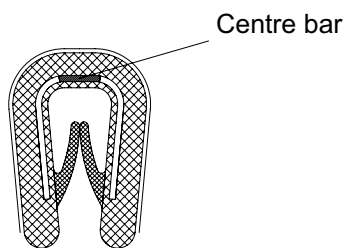
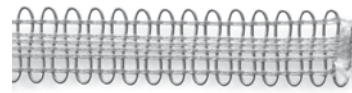
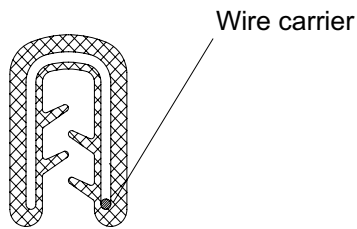


## Steel or Wire Carrier?

By using either steel or wire carrier, the edge protection sections will cling well, without the use of splicing tape. However, the use of a steel carrier will have a higher clamping effect than a wire carrier.

The disadvantage of a profile with an unbroken steel carrier is a restricted bending radius over the lateral blade. This can be solved by breaking the connecting bridges. However, a slightly uneven stand may develop if this is done. In most technical applications the appearance will be irrelevant.

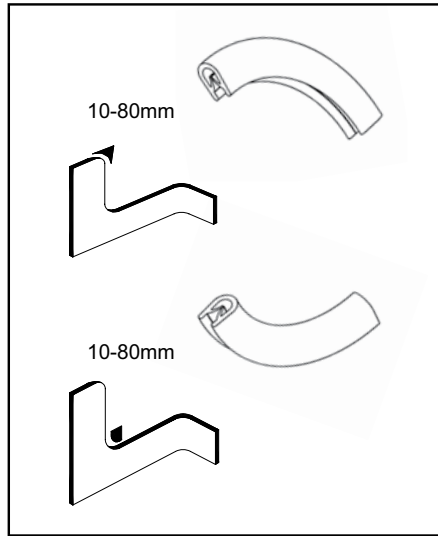
The choice of either a steel or wire carrier largely depends on the application situation, and the desired appearance.



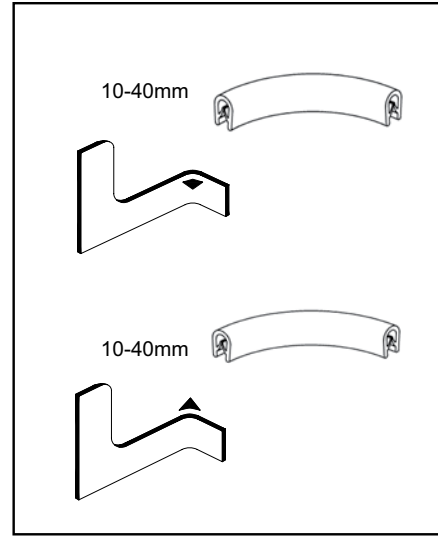


**Minimum Bending Radius**

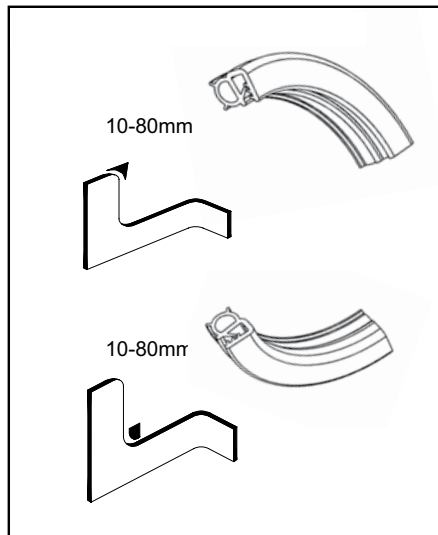
Please note that the minimum bending radii indicated are to be considered as guidelines which, depending on the material, clamping range and application of the profile used, may vary.



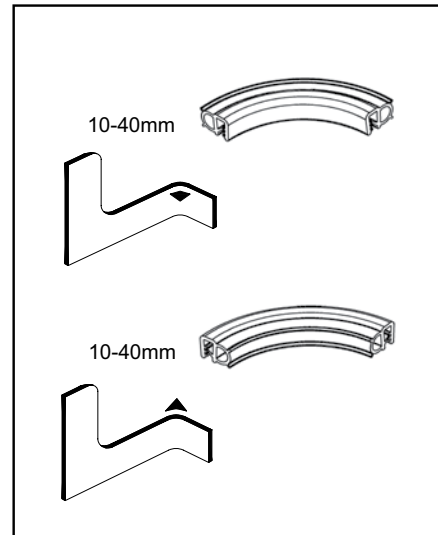
**Edge Protection**



**Edge Protection 416001**



**Edge Protection w/ Sealing**



**Edge Protection w/  
Profile 427008**

**Glazing Profiles**

For these profiles, the bending radii will comply with the radius of the pane.

## Application for the Edge Protectors

Edge protection profiles simplify the finishing of edges. They eliminate preparatory and follow-up work for sheet metal edges. Edge protection profiles provide a decorative effect to sheet metal edges.

The edge protectors consist of a U-shaped metal base, either a steel strip or wire carrier, jacketed with PVC or rubber. The Pro-Fit edge protector provides a tight grip on the edge, even if radii or bends have to be covered. In some Pro-Fit edge protectors, the clamping effect is superior by incorporating soft PVC lip into the PVC jacket.

The edge protectors are pressed onto the edge by hand or with a rubber or thermoplastic hammer. Glues or special attachment aids are not required, installation is simple and quick.

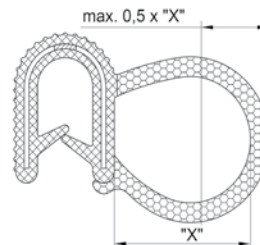
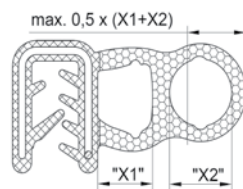
### *- Manufacturing Tolerances*

PVC according to DIN 16941

Tolerances or custom length based upon DIN 16941 4B

## Compression recommended for sealing edge protection profiles

The compression of our sealing edge protection profile should have a maximum of 50% as otherwise the compactness, and the restoring force are affected. In practice, the profile should be compressed 30 - 40%.



## Factory Tolerances

The purpose of the subsequently compiled tolerances from the respective standard is to facilitate the quick assignment of the tolerated dimensional deviations.

Not applicable to drawing with fixed tolerances.

Solid rubber profiles (cross section) parts based on DIN ISO 3302-1E2: **Rubber parts permissible degree deviation.**

*These tolerances apply to the profiles found on pages...*

**7, 8, 9, 10, 11, 12, 13, 14, 24, & 25**

| Nominal range in mm |       |          | + / - mm |
|---------------------|-------|----------|----------|
|                     | up to | 1,5      | 0,25     |
| >                   | 1,5   | to 2,5   | 0,35     |
| >                   | 2,5   | to 4,0   | 0,40     |
| >                   | 4,0   | to 6,3   | 0,50     |
| >                   | 6,3   | to 10,0  | 0,70     |
| >                   | 10,0  | to 16,0  | 0,80     |
| >                   | 16,0  | to 25,0  | 1,00     |
| >                   | 25,0  | to 40,0  | 1,30     |
| >                   | 40,0  | to 63,0  | 1,60     |
| >                   | 63,0  | to 100,0 | 2,00     |

| Nominal range in mm |       |          | + / - mm |
|---------------------|-------|----------|----------|
|                     | up to | 1,5      | 0,40     |
| >                   | 1,5   | to 2,5   | 0,50     |
| >                   | 2,5   | to 4,0   | 0,70     |
| >                   | 4,0   | to 6,3   | 0,80     |
| >                   | 6,3   | to 10,0  | 1,00     |
| >                   | 10,0  | to 16,0  | 1,30     |
| >                   | 16,0  | to 25,0  | 1,60     |
| >                   | 25,0  | to 40,0  | 2,00     |
| >                   | 40,0  | to 63,0  | 2,50     |
| >                   | 63,0  | to 100,0 | 3,20     |

Sponge rubber profiles (cross section) parts based on DIN ISO 3302-1E3: **Rubber parts permissible degree deviation.**

*These tolerances apply to the profiles found on pages...*

**15, 16, & 17**

PVC-Profiles (cross sections) based on DIN 16941 3A and 3B

*These tolerances apply to the profiles found on pages...*

**18, 19, & 20**

| Nominal range in mm |       |        | + / - mm |
|---------------------|-------|--------|----------|
|                     | up to | 3      | 0,4      |
| >                   | 3     | to 6   | 0,6      |
| >                   | 6     | to 10  | 0,7      |
| >                   | 10    | to 18  | 0,8      |
| >                   | 18    | to 30  | 1,0      |
| >                   | 30    | to 50  | 1,2      |
| >                   | 50    | to 80  | 1,5      |
| >                   | 80    | to 120 | 1,9      |
| >                   | 120   | to 180 | 2,3      |
| >                   | 180   | to 250 | 2,8      |
| >                   | 250   | to 320 | 3,5      |
| >                   | 320   |        | 1,4%     |

# QUALITY POLICY



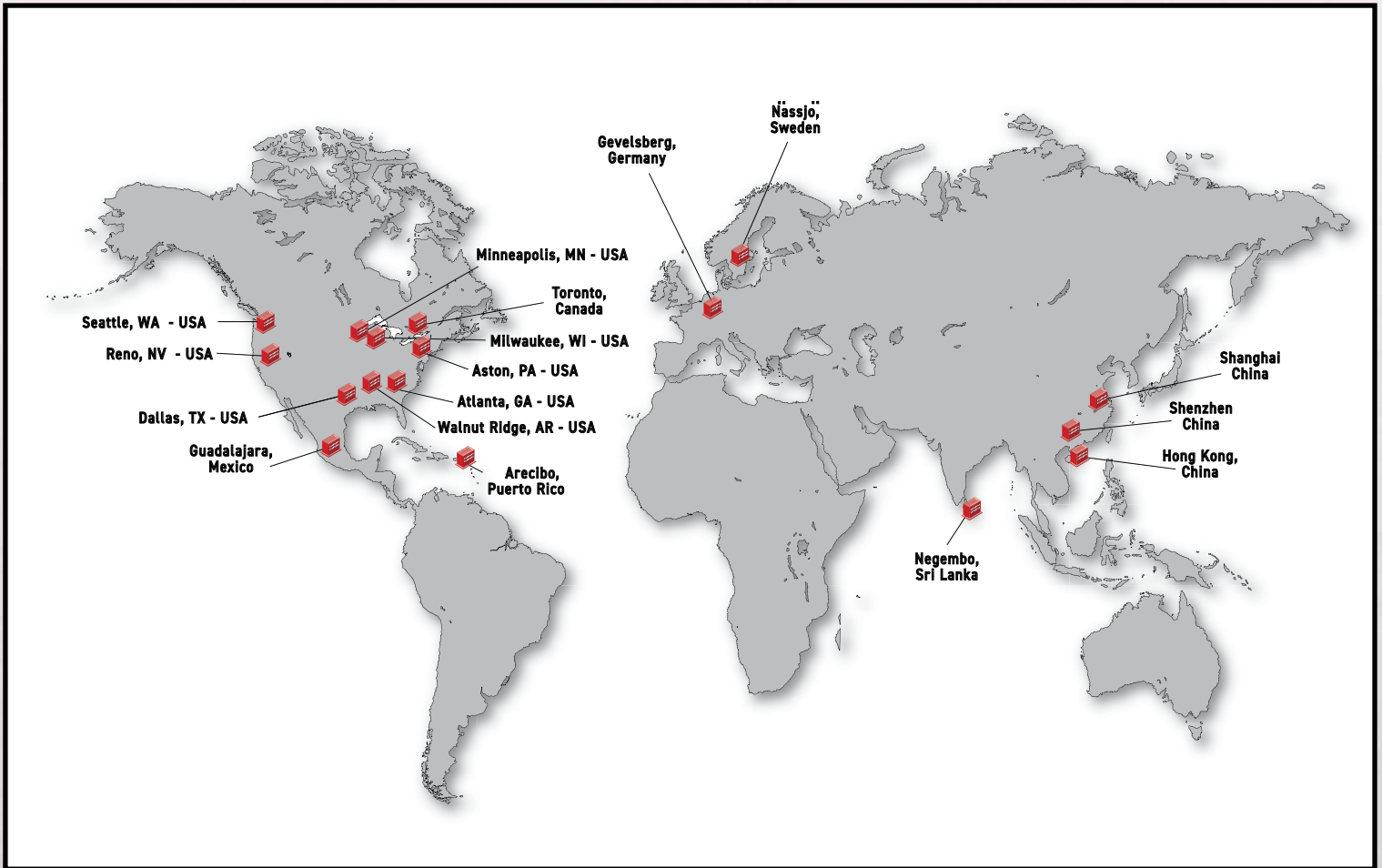
Allegis Corporation provides access hardware components, systems and accessories. Our Product, Sales and Operations Excellence platforms are critical in ensuring continual improvement, quality and Service Excellence. Through improvement of the Quality Management System, we will succeed in our goals of providing quality products and on time delivery, at competitive prices. We, the employees of Allegis Corporation, proudly pronounce our personal commitment to understand, meet and when possible, exceed our Customer's requirements.

Greg Mattson

President / CEO  
Allegis Corporation

# PROFIT

# ALLEGIS LOCATIONS



- ◆ Atlanta, GA
- ◆ Aston, PA
- ◆ Dallas, TX
- ◆ Kent, WA
- ◆ Milwaukee, WI
- ◆ Minneapolis, MN
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