

Smooth Bore Inserts

| General Information | | | Thermal Properties | |
|----------------------------|-------------|-------|---------------------------------------|---------------------------------------|
| Plastic Insert Material | Part # Code | Color | Intermittent Exposure | Continuous Exposure |
| Polypropylene | PP | Blue | -22° to + 212°F (-30° to + 102° C) | -22° to + 194°F (-30° to + 90° C) |
| Santoprene | SP | Beige | -40° to + 302°F (-40° to + 150° C) | -40° to + 275°F (-40° to + 135° C) |
| Polysulfone | PS | Black | -50° to + 320°F (-45° to + 160° C) | -50° to + 320°F (-45° to + 160° C) |
| Polyethersulfone** | PS | Black | -50° to + 392°F (-45° to + 200° C) | -50° to + 392°F (-45° to + 200° C) |
| Zeotherm | ZT | Black | -40° to + 350°F (-40° to + 175° C) | -40° to + 300°F (-40° to + 150° C) |
| High Density Polyethylene* | NN | White | -58° to + 180°F (-50° to + 82° C) | -58° to + 175°F (-50° to + 79° C) |
| High Temp Nylon* | HT | Black | -40° to + 350°F (-40° to + 177° C) | -40° to + 260°F (-40° to + 127° C) |

* NN & HT inserts available in group 8 & 9 sizes only.

** Note: Inventory will be transitioning from Polysulfone (PS) to Polyethersulfone (PESU) material starting Feb 2019. Part numbers will remain the same. Orders will be fulfilled using a FIFO plan until fully converted.

CH Series Inserts

| General Information | | | Thermal Properties | |
|-------------------------|-------------|-------|---------------------------------------|---------------------------------------|
| Plastic Insert Material | Part # Code | Color | Intermittent Exposure | Continuous Exposure |
| Polyethersulfone** | PS | Black | -50° to + 392°F (-45° to + 200° C) | -50° to + 392°F (-45° to + 200° C) |
| Polyethersulfone** | PG | Gray | -50° to + 392°F (-45° to + 200° C) | -50° to + 392°F (-45° to + 200° C) |
| Polysulfone | PS | Black | -50° to + 320°F (-45° to + 160° C) | -50° to + 320°F (-45° to + 160° C) |
| Polysulfone | PG | Gray | -50° to + 320°F (-45° to + 160° C) | -50° to + 320°F (-45° to + 160° C) |

**Note: Inventory will be transitioning from Polysulfone (PS) to Polyethersulfone (PESU) beginning October 2018. Part numbers will remain the same.

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| Chemical Properties | Resistant to a wide range of Chemicals. Please contact Behringer for Product Data Sheets. |
| Mechanical Properties | |