

# PRODUCT SPECIFICATION SHEET

**Product Name: Krimpa-Seal Heat Shrink Butt/Crimp Connector Splices**

| Heat Shrink Tubing Specifications |                                                                    |
|-----------------------------------|--------------------------------------------------------------------|
| Material                          | Multiple wall polyolefin tubing with meltable, integral inner wall |
| Applicable Specifications         | MIL-I-23053/4, Class 1, AMS 3634 UL File E-157227                  |
| Typical Properties                |                                                                    |
| Physical                          |                                                                    |
| Temperature Rating                | -55° to +110° F                                                    |
| Tensile Strength                  | 2200 PSI                                                           |
| Longitudinal Change               | 1% - 10%                                                           |
| Electrical                        |                                                                    |
| Dielectric Strength               | 900 Volts/Mil                                                      |
| UL Voltage Rating                 | 600 Volts                                                          |
| Chemical                          |                                                                    |
| Corrosion Resistance              | Non-Corrosive                                                      |
| Fungus Resistance                 | Non-Nutrient                                                       |
| Water Absorption                  | < 0.1%                                                             |
| Military Specifications           |                                                                    |
| Tubing Category                   | Polyolefin                                                         |
| Product Type                      | Melt, Wall                                                         |
| Catalog Number                    | HIM                                                                |
| Military                          | MIL-I-23053/4                                                      |
| Specification                     | Class 1                                                            |
| Physical                          |                                                                    |
| Shrink Ratio                      | 3:01                                                               |
| Shrink Temp Min.                  | +275°F/ +135°C                                                     |
| Operating Temp Min & Max          | -67°F/ -55°C & +230°F/ +110°C                                      |
| Flammability                      | Non-Flame Retardant                                                |
| Tensile Strength - psi            | 1500                                                               |
| Longitudinal Change               | +1, -10%                                                           |
| Specific Gravity                  | 0.99                                                               |

| Military Specifications           |      |
|-----------------------------------|------|
| Electrical                        |      |
| U/L recognized                    | –    |
| CSA Certified                     | –    |
| Dielectric Strength Volts per Mil | 500  |
| Volume resistivity OHMS-CM        | 1015 |
| Chemical                          |      |
| Oil Resistance                    | Good |
| Acid Resistance                   | Good |
| Alkali Resistance                 | Good |
| Solvent Resistance                | Good |
| Corrosion Resistance              | Good |