1.0 General
1.1 Scope: For all types and weights of wire, cable, conduit [not rigid] pipe, tubing, strut. Diameter Range 3/8 inch to 4 inch diameters.

1.2 Applications Electrical Telecom: Conduit, cable, innerduct, RF cable, & DAS.

1.3 Applications: Plumbing – PVC, CPVC, PVDF, Rigid PP, pex, Purt, stainless steel tubing.

1.4 Approval: product line is UL certified 2239 to include the plenum area of building. Halogen and phosphate free non toxic in off gassing tests performed by Solvay Chemical.

2.0 Product
2.1 Hangerlok support and hangers system of Nylon 6/6. Made in USA design to include two distinct styles using the method of auto-locking features of arms or ratchets to properly securing the tubular member into position.

2.2 3/8-2 Inch diameters have single arms attached to a flat base that lock when the tubular member is pushed into the base. The arms lock together in a reverse design that has two jaws to lock the tubular member. Base of the units are slotted to accept different flanges that allow different fasteners to be used and threaded rod to couple with the threaded flanges. Flanges are to be made in USA.

2.3 Accessories:
• Flanges made of stainless steel 304. The 4 different sizes are designed to fit into Hangerlok bases to mounting with threaded rods ¼ and 3/8 in sizes to convert to threaded rod hangers.
• The flanges are named LT series. LT101, LT101-25, LT101-3/8, LT106.
• Applications are depicted in technical drawings on the company website.
• Spacers of two sizes: LT45mm or 1.77 inches rectangular made of nylon 6/6. Made to fit product sizes #12 through #59 or 3/8-2 inch diameters.
• LT85 mm or 3.33 inches rectangular designed to connect with #12 though #113 product units.
• LT45 and LT85 spacers can be stacked for critical RF system installations.
• See website for technical drawings.

2.4 Strut Attachment part:
• LT109 to be made from Xenoy 5720 Lower.
• Pods of the part accept SS teeth that impregnate the inner walls of the strut channel when screw is driven through the center mounting hole.
• Stainless steel screw attaches the hanger unit to the strut plate LT109.
• Strut to be standard industry profiles.
• Part can be used with select fiberglass strut products.

3.0 Fastening
Fastening via centrally located mounting hole in the base of all units. Sizes #12-25 accept and SS #12 screw to attach to walls, ceilings, any surface inside and out. #32-#59 Incorporate a larger mounting hole that allows larger more American fasteners. LOK screws are available in non corrosive steel and general purpose zinc material that cover the larger mounting hole. See product guide. Sizes 2.5 – 4 inch diameter incorporate and 3 mounting hole configuration. The center mounting hole 1 inch diameter will accept large thread faster combinations as well as threaded rod. There are mounting holes on either size for unit base that will accept fasteners as a mounting option.

4.0 Supporting Material
4.1 Material Data Sheet: Solvay Chemical Technyl 205
4.2 UL2239 Standard: File number Case ¬: E362799
4.3 ROHS compliant
4.4 Conflict Minerals Compliant

5.0 Country of Origin: USA

6.0 Note to Designer: CAD and BIM files are available on company website under Design Tools