



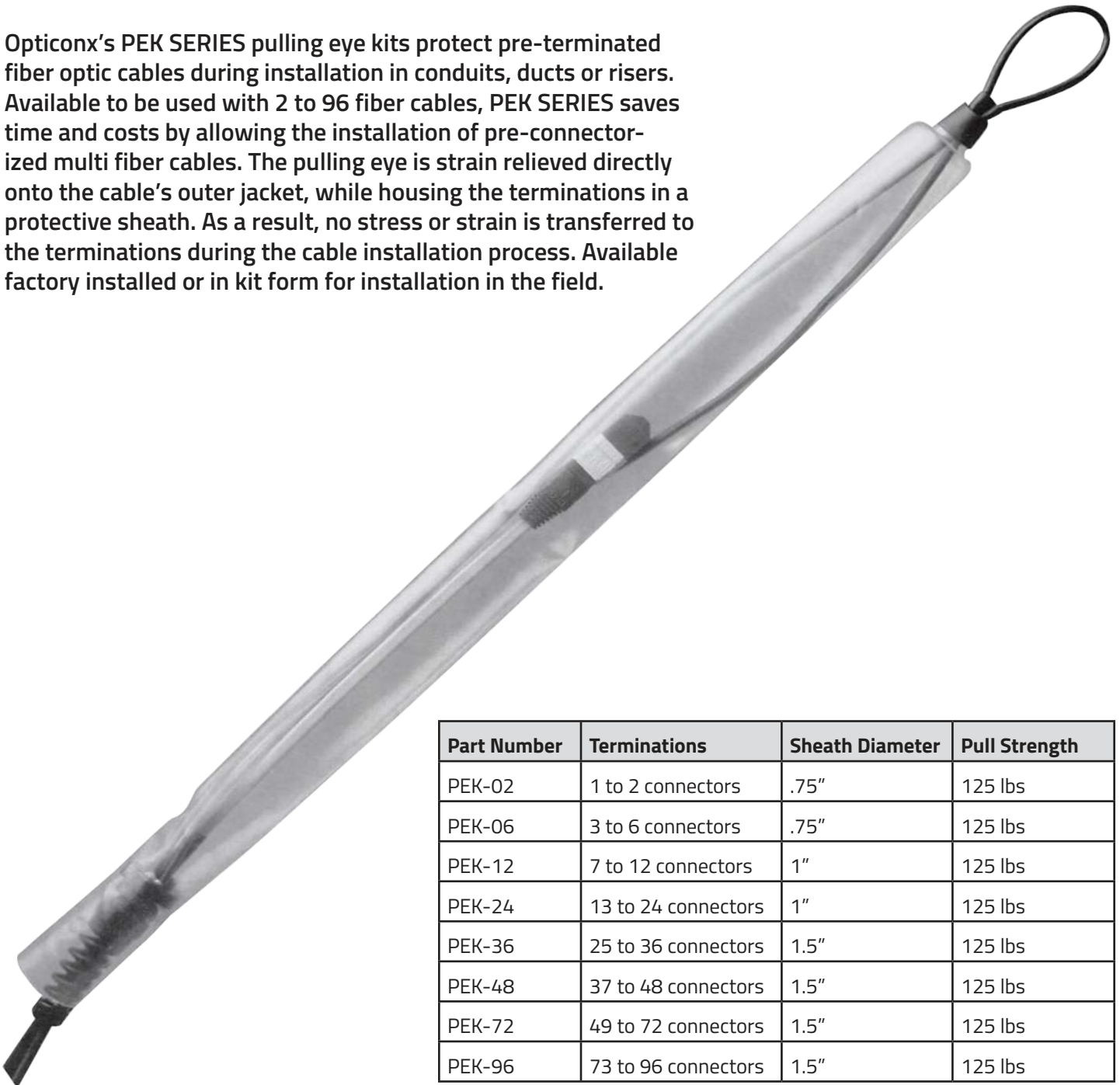
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PEK SERIES

OPTICONX PULLING EYE KITS FOR PRE-TERMINATED FIBER OPTIC CABLE

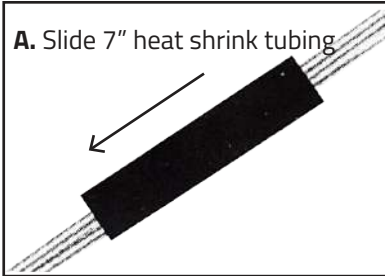
Opticonx's PEK SERIES pulling eye kits protect pre-terminated fiber optic cables during installation in conduits, ducts or risers. Available to be used with 2 to 96 fiber cables, PEK SERIES saves time and costs by allowing the installation of pre-connectorized multi fiber cables. The pulling eye is strain relieved directly onto the cable's outer jacket, while housing the terminations in a protective sheath. As a result, no stress or strain is transferred to the terminations during the cable installation process. Available factory installed or in kit form for installation in the field.



Part Number	Terminations	Sheath Diameter	Pull Strength
PEK-02	1 to 2 connectors	.75"	125 lbs
PEK-06	3 to 6 connectors	.75"	125 lbs
PEK-12	7 to 12 connectors	1"	125 lbs
PEK-24	13 to 24 connectors	1"	125 lbs
PEK-36	25 to 36 connectors	1.5"	125 lbs
PEK-48	37 to 48 connectors	1.5"	125 lbs
PEK-72	49 to 72 connectors	1.5"	125 lbs
PEK-96	73 to 96 connectors	1.5"	125 lbs

INSTALLATION INSTRUCTIONS FOR PEK SERIES

A. Slide 7" heat shrink tubing



NOTE: THIS KIT MUST BE INSTALLED PRIOR TO TERMINATION OF THE CABLE!

1. Slide 7" and 2" (2" tubing for P/N PEK-02 only) black heat shrink tubing over the cable jacket. Slide the tubing down far enough to avoid interference with the termination cable.

See illustration A

2. Note and proceed with cable manufacturers' recommended procedure for removal of jacket(s) down to the bare fiber.

3. Terminate the cable using the connector manufacturer's recommended termination procedure. Note: You must stagger terminations in groups of 2 with at least 1" interval between groups.

See illustration B

4. Insert the connectors fully into the pulling eye assembly. **See illustration C**

5. Tape the PEK strength members to the cable jacket, just above the point where the aramid yarn is exposed. Remove the strength member's jacket to expose the yellow aramid yarn. **See illustration D**

6. Weave the aramid yarn around the cable jacket and tape the yarn ends to the cable jacket.

7. Using a heat gun, shrink down bottom 1" of the pulling eye assembly (clear). Caution: Carefully apply consistent heat to the shrink tubing. Overheating may damage the cable jacket and shrink tubing.

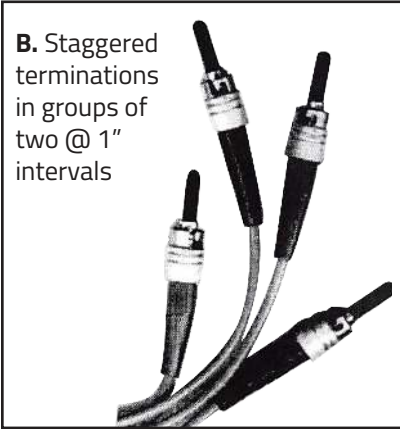
7A. (P/N PEK-02 Only) Slide 2" black shrink tubing over the bottom 1" of the pulling eye assembly to shrink with heat gun.

8. Slide the 7" shrink tubing (black) over the weaved aramid yarn up to the bottom of the pulling eye assembly and shrink with a heat gun. **See illustration E**

9. Sealant will appear at the ends of the shrink tubing. Let cool until hardened.

10. Attach pull strink PEK Pulling Eye and install. Note: Do not exceed specified pull strength.

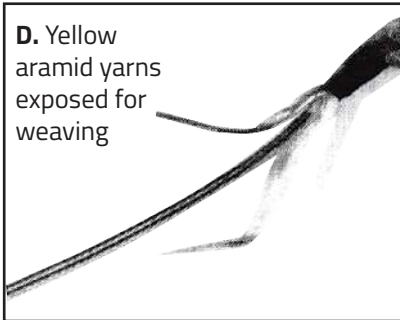
B. Staggered terminations in groups of two @ 1" intervals



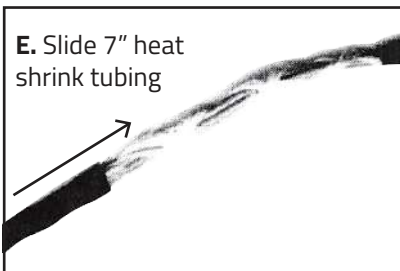
C. Connectors inserted into the pulling eye assembly.



D. Yellow aramid yarns exposed for weaving



E. Slide 7" heat shrink tubing



Parts List: Pulling Eye Assembly (clear)
7" Heat Shrink Tubing (black)
2" Heat Shrink Tubing (P/N PEK-02 only)
Installation Instructions

Required Tools: Heat Gun
Two 3/8" x 1 1/2" Adhesive Tape Strips

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