

CONSUMABLES

Ensuring Precision, Reliability, Visibility, and Cleanliness, in Communication Networks

Playing a Small Yet Critical Role in Communication Networks

Netceed supplies a wide array of consumable products to support technicians with communication network installations, troubleshooting, repair, and maintenance. Our consumable product selection is continuously updated to keep pace with recent technologies in the communications industry.

Each type of consumable plays a specific role in the installation, maintenance, and performance optimization of communication networks. For example, the integration of fiber optic consumables prevents downtime and reduces back reflection in your network while ensuring the proper functioning of associated fiber optic components; fixation products contribute to the structural stability of installations, fluids and aerosols aid in cleaning and safety, while identification products assist in effective network management and troubleshooting.

Types of Consumables

- Cleaning Materials
- Fiber Optic
- Fixation
- Fluids & Aerosols
- Identification Labels & Markers
- Conduit & Civil Construction

A comprehensive approach involving these and other consumables ensures the reliability and longevity of communication networks of all varieties.

Cleaning Materials

Fiber hygiene is no less important as it becomes more widely deployed today. The proliferation of microduct cable, flat drop, and ADSS cable has reinforced the need for gel cleaners. Whether you are cleaning for splice preparation or cleaning a ferrule prior to making a critical connection in your network, Netceed has you covered with products that will ensure a low cost per clean.



Sticklers - NCCLCK000013 High Volume Cleaning Kit

Contains all the equipment needed to clean thousands of SC, FC, ST, E2000, LC and MU connectors - both unmated and in-bulkhead - all in a handy, rugged and easy-to-find woven bag.

Key Features:

- Everything you need for fast, reliable fiber optic cleaning - 2,300+ cleanings
- Unique Sticklers nonflammable cleaning fluid that replaces IPA alcohol for wet-dry cleaning
- 3 types of lint-free wipes
- 3 sizes of port-cleaning tools
- Optimized for the data center clients, telco central offices and cable headends



Sticklers Pro360° Touchless Connector Cleaner

Unlike anything else in the industry, this end face connector cleaning tool quickly and completely cleans oils and dust across the entire end face of both male and female connector ends, with just the press of the connector cleaner handset.

Key Features:

- Contactless 360° full end face cleaning
- Small and portable enough to go anywhere
- Battery or line powered for cleaning in the field or at the bench
- Multiple size adapters for flexibility
- 2,000+ cleans per cartridge



Polywater - NCCLGL000007 TC-1 SqueakyKleen Wipes

Fiber & copper gel-filled cable cleaner saturated lint-free wipes. Cleans and fans fiber in two wipes without alcohol. No follow-up with alcohol required to separated fibers when prepping for splicing.

Key Features:

- High-performance towelette removes pick from the entire surface of loose-tube or ribbon fibers
- Leaves no residue, less harsh on hands
- Reduces chemical odors and vapor concentrations in splice trailers and vaults



Polywater - NCCLNW000017 DT-D50 QuickKleen Fiber Cleaner

Fast-acting cleaner for ferrules, bulkheads, and fiber endfaces. Quickly penetrates precision parts to lift dust, buffer gel, lint, fingerprints, and oils.

Key Features:

- Cleans fiber end faces minimizing signal loss and maximizing connectivity
- No streaking to impede light transmission
- Cleans multi-and singlemode - suitable for all glass fiber, including 1625 nm



Netceed Non-linting Wipes

Single ply, low linting, very absorbent, soft and will not scratch. They are excellent for light duty tasks and delicate surfaces. Because they are very low in lint and chemical extractables, they leave surfaces clean and pristine.

Key Features:

- Cleaning fiber optics and other sensitive surfaces
- Removing dust & other particles
- Solvent evaporates completely, leaving no residue
- Nonabrasive, safe on all fiber products



Pharmco - NCCLAL000034 Isopropyl Alcohol (IPA)

Isopropyl alcohol 99% (IPA 99%) is widely used as a common cleaner for sensitive fiber optic and electronic products. It also sterilizes and disinfects, and can be used for skin treatments and dressing in a pinch.

General cleaning uses in the removal of:

- Petroleum or silicone-based gel used in fiber optic cable
- Salts (ionic compounds)
- Metal residues, rosin solder flux, thermal grease

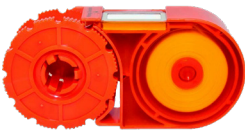


Netceed Hand Cleaning Towels

The Netceed towel is a unique waterless hand-cleaning system combining both a high quality liquid hand cleaner formula and a heavy-duty, non-scratching, abrasive hand-cleaning towel. Along with normal dirt and soils, the Netceed towel will remove heavy grease, lubricants, adhesives, oils, tar, asphalt, inks, wax, and many other difficult-to-remove soils, such as coal, dust, graphite and grass stains.

Fiber Optic

Almost nothing is worse for your network than a dirty connector. Proper cleaning practices help prevent downtime and reduce back reflections. Netceed provides many cleaning methods and even more cleaning options available today for technicians to keep the connections in your network pristine.



Sticklers - NCCLNW000025 CleanClicker MCC-CCWRC Cassette Cleaner

Used for static-free cleaning of female MPO connectors, plus all standard single fiber connectors: SC and LC duplex, FC, ST and E2000. It features a manually advancing cleaning wheel with soft, lint-free ultrasonically cut micro-woven ribbon removes dust and residues without damaging connector end-faces.

Key Features:

- Cleans multiple end-faces before advancing
- ~40 feet of micro-woven cleaning ribbon traps dust, dirt, oil, and grease
- 400+ cleanings per tool
- Translucent housing makes it easy to see the remaining quantity of ribbon



Sticklers CleanClicker 750 Connector Cleaner

NCFOFC000028 - 2.50mm
NCFOFC000057 - 1.25mm

Rugged, precision cleaners use a smooth click-to-clean push-action with a light tip forces to reduce the risk of end-face damage. Available for 1.25 & 2.5mm connectors.

Key Features:

- 750+ cleans in each tool
- High purity cleaning strand removes dust, particulate, and oil contamination
- Pen-style tool cleans 90% of all connectors with just a single click
- Will not damage end-faces
- Long throw, so more cleaning ribbon is used on every activation



Sticklers - NCFOFC00005x CleanStixx Swabs

Designed to be used with the Sticklers Fiber Optic Splice and Connector Cleaner, each CleanStixx swab uses a unique, patented, high-purity fibrous tip to clean fiber optic end-faces. The tip is precision molded to be slightly narrower than the alignment sleeve. This enables the tip to spin off-center and greatly improves cleaning results - even on small form factor connectors.

Each CleanStixx swab is color-coded for the type of connector it is designed to clean (see table, below). For example, the popular SC connectors are cleaned with the blue CleanStixx swab; LC connectors are cleaned with the green CleanStixx swab, and so on. This makes training easy, and with a quick glance you can confirm you have the right CleanStixx swab for the job at hand.



Sticklers Fiber Optic Splice & Connector Cleaner out-performs alcohol, and enhances the cleaning efficiency of any wipe, swab or cleaning tool.

Description	Cleans
1.6mm CleanStixx - Red	MIL PRF 29504/5, MIL PRF 29504/15, MIL DTL 38999, MIL DTL 28876, SMPTE304 Jack
1.25mm CleanStixx - Green	LC, MU, SFP+, ODC, ARINC801, NECON, LUXCIS
2.5mm CleanStixx - Blue	SC, ST, FC, E2000, MIL DTL 83526, OptiTap
MT CleanStixx - Pink	MPO, OptiTip, HFMO, MT Ferrules
EB CleanStixx - Purple	1.2mm Lensed Termini for MIL 38999
CleanStixx Military Variety Pack	10 @ of S12, S16, S25, P25, XMT
CleanStixx Commercial Variety Pack	10- S12 CLEANSTIXX, 20 - P25 CLEANSTIXX, and 20 - S25 CLEANSTIXX



Splice Sleeves - NCFOSS00004x

Translucent heat-shrinkable tube and stainless steel strength member are designed to prevent stress and protect fiber optic splices in both field and factory operations. Sleeves are made to heat shrink tightly and remove air, while holding the delicate splice and support rod firmly in place.

Key Features:

- Provide protection and increased stability to splices
- Heat Activated
- Clear / translucent
- **NCFOSS000048 - Single Fusion Slim - 60mm**
- **NCFOSS000045 - Single Fusion - 45mm**
- **NCFOSS000046 - Mass Fusion - 40mm**

Fixation

Now is the time to build your fiber network to last a generation. Netceed can offer quality cable ties and vinyl tapes to help identify, bundle and protect the network at the prices you need.



Netceed - PVC Electrical Tape

Highly conformable and unaffected by moisture and most chemicals. Soft backing with excellent adhesion and holding ability. Comes in standard 7mil and all-weather 8.5mil.

Key Features:

- Flame retardant
- Heat-resistant grade plasticized polyvinyl chloride film
- Aggressive rubber-resin adhesive
- Unaffected by moisture and most chemicals
- Available in .75", 1", 1.5" widths and various lengths



Cable Ties

Heavy-duty cable ties designed to withstand extra pressure and weight to provide a more secure bundling ability. For indoor or outdoor use.

Key Features:

- Available in various sizes and tensile strengths
- Constructed with nylon resins
- -40° to +185F° temperature range
- Extreme weather and UV resistant



Fiber & Drop Dual Flex Cable Clip

Flexible cable clips to avoid cable strain and preserve signal integrity. Used to mount and manage cabling / wiring runs between components.

Key Features:

- Durable polyethylene construction with UV stabilized material, self-tapping screw
- Suitable for indoor and outdoor applications

Fluids & Aerosols

Whether pulling to jetting cable, lubricant is an essential component to make sure the project is completed on time. And while working outside plant projects, do not forget to stock up on insect repellent and wasp spray.



Polywater J Gel Pulling Lubricant

High-performing, slow-drying, and the clean nature of this water-based gel electrical lubricant provides maximum tension reduction in all types of cable pulling. A proven choice for long and multiple-bend cable pulls.

Key Features:

- Remains on cable jacket throughout installation
- Unaffected by freeze/thaw cycles
- Performs well when pulling in hot environments
- Can be pumped with the drill-powered lubricant pump or hand applied



Rainbow - Telco & Power Wasp & Ant Spray

12'-15' spray helps avoid injuries while escaping from insect attacks. The spray contains powerful active ingredients that quickly kill flying and stinging insects. This solvent-based product is safe for use on and in utility and telecom equipment

Key Features:

- High dielectric strength to ensure greater safety when working around medium to high voltage
- Will not crack or craze plastics used in utility and telecom equipment
- High output shotgun spray pattern



Polywater Prelube 2000 Cable Blowing Lubricant

Developed for conduit pre-lubrication during cable blowing. It reduces frictional drag and increases the distance cable can be installed in a continuous length through its efficient coating thickness.

Key Features:

- Low friction - Increases blowing distance
- Suitable for pre-lubrication of a variety of cable jackets and conduits
- Can be used in sub-freezing temperatures



Rainbow - Jungle Formula Insect Repellent

Multi-purpose repellent that repels mosquitoes, chiggers, ticks, deer flies, stable flies, black flies, gnats, and fleas on exposed skin surfaces.

Key Features:

- Both the aerosol and towelette contain extra-strength DEET, formulated especially for utility and telecom personnel to repel mosquitos for 6-8 hours
- Prevents unsafe insect distractions
- Long-lasting protection, frequent applications not necessary

Identification Labels & Markers

Whether you're the first into market with fiber, or you're overbuilding existing, marking your facilities properly should be a priority. Let Netceed customize your tags, marker posts and labels and help you save on branded solutions.



OmniMarker II TEMPO - EMS Marker

EMS Markers provides an improved method to electronically marking and locating underground facilities. Contains a large gimbaled coil that automatically orients itself horizontally when placed, ensuring that there is a location "sweet spot" directly above the point of interest.

Key Features:

- Enclosure HDPE fully sealed
- Can be buried 3' deep in typical soils when mounted vertically
- RoHS and REACH compliant
- Thermoplastic elastomer clamp tie suitable for ducts up to 2' in diameter

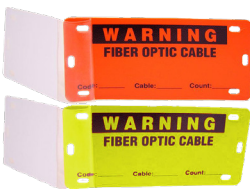


KRYLON Industrial: Quik-Mark Inverted Marking Chalk

Lasts 30 days or more dependent on conditions and applications on common outdoor surfaces. Ideal for the temporary marking of roads, pavement, gravel, soil, and grass.

Key Features:

- Available in solvent and water-based technologies
- Easily removed from hard surfaces with a wire brush and water
- Available in solvent and water-based technologies



Fiber Optic Cable Marking Tie-on Warning Label

Tie-on warning labels are available from Netceed in a variety of sizes and colors with many standard logos. Selection includes Wrap Around, Tie On, Sticky Back, and Write On.

Key Features:

- Self-laminating flap
- 3-7/8" x 1-3/4" Tie-on Label
- Variety of colors
- 20 labels per pack



Fiber Optic Cable Tag Wrap-around Warning Label

Critical Warning and Safety, Overhead & Above Ground Marking, Outdoor Use, Utility Labeling, Asset Marking & Tracking

Key Features:

- Custom printing and colors are available upon request
- Available in orange, red, yellow, black, green, blue, white
- Waterproof, permanently coiled
- Resistant to solvents, UV rays, and abrasions



Underground Detectable Utility Marking Tape

Detectable Marking Tape is used for detecting, locating, identifying, and protecting buried utility lines for gas, water, sewer, telecommunication, and electrical markets.

Key Features:

- Detect: Aluminum core is detected through means of inductive locating
- Locate: Line is located and marked after inductive locating is performed
- Identify: Utility type is identified by both the APWA color-code and utility legend printed on the marking tape
- Protect: Detectable tape works 24 hours a day and year round, even if tape is not inductively located during excavation, the tape provides a "stop-sign" effect that is highly visible



Fiber Optic Cable Marking Post - TriView

The TriView Marking Post creates awareness of buried facilities and reminds excavators to call before they dig. The triangular profile combined with the internal Flex PLUS™ rod makes the TriView® the most durable marker post available. When hit, the TriView will rebound to its upright position.



Fiber Optic Cable Marking Post - Dome

The round design of the Dome marker makes it visible from any direction. It consists of a specially formulated plastic post, with a 21" polycarbonate dome and a 10" anchor tube with a 3.5" outside diameter and includes a one color graphic on 2 sides.

Conduit & Civil Construction

Underground utility construction is a dirty job, and we know the products to help keep your network infrastructure readily accessible in the mud. From pull tape that will maintain its print line over time to plugs that secure conduit access points, count on Netceed to protect the infrastructure you depend on.



Cable Pulling Tape

Premium, 100% woven polyester pull tapes for pulling wire and cable through conduits and ducts. Low stretch, high tensile-strength pulling lines have a very low coefficient of friction to minimize duct cutting. Clearly labeled with sequential markings every foot for easy calculation of progress. Lightweight and easy to blow through conduit.

Key Features:

- Optional detectable copper 22 AWG wire for signal locating
- Corrosion resistant fibers and conductor
- Accurate sequential footage markers, also available in metric
- Wire conductors can easily be spliced in the field
- Various tensile strengths and reel lengths



CalMissile Line Carriers

Constructed with heavy-duty stainless steel hardware and polyurethane blow cups, this ultra-tough projectile will perform flawlessly time and time again.

Key Features:

- Ultra tough and re-usable
- Fast blowing, low friction
- For use with duct and innerduct
- Tear resistant
- Available in various sizes from 1" - 8"

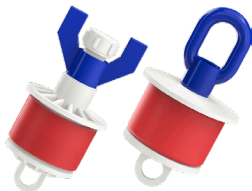


Pole Auger Drill Bit - NTFTPA000026 11/16" x 18"

Engineered to deliver cleaner, faster holes in wooden utility poles. Single spur design allows bolts to slide through without resistance.

Key Features:

- Reinforced anti-friction PTFE coating for overall smoother drilling
- Optimized wide flute geometry for faster chip ejection
- Aggressive feed screw and cutting edge for faster drilling speeds
- Various sizes available



Kwikie Blank Duct Plugs

Essential to any datacenter, telecom, or underground electrical project. The proper sealing of conduits and innerduct is vital for protecting infrastructure investment and, in many cases, required by code.

There are three styles of Kwikie Blank Duct Plugs available:

- **Loop Nut** – An additional tie point making the plug installable from both sides of the conduit
- **Wing Nut** – Smaller in height than the loop nut, allowing installation in tighter spaces
- **Inside Fit** – Available in either loop nut or wing nut; can be installed entirely inside the conduit and out of sight from the outside

Key Features:

- When the thermoplastic elastomer gasket is expanded, it creates a water, air, and rodent-resistant seal – protecting the conduit from damaging environmental conditions
- Constructed of non-metallic, corrosion-resistant materials for a long-lasting and cost-effective plug
- Requires no additional tools for quick and easy installation
- Install in PVC, HDPE, EMT, and corrugated conduit for versatility
- Two rope-tie points built into the plug for installation with mule tape or pull line for a secure seal

Multiplex Duct Sealing Devices

Inflatable duct sealing systems wrap around cables in the ducts of manholes or exchange vaults. Effectively seals telephone, data, and fiber cable ducts, stopping or preventing water from leaking into the manhole or vault.

Key Features:

- Air-tight up to 7 psi
- Can be quickly and easily installed, even in flowing water
- Allows for cable movement while retaining its sealing qualities
- Full range for all duct diameters

