

## End Face Pen - Non-Combustable - 11g

### HT-FPC-PNNC

#### Application/Product Description

The Non-Combustable End Face Pen contains a nonflammable solvent cleaner that quickly and safely cleans the end face of fibre optic connectors, splices and ribbons. It also dissipates static charge, which prevents attracting airborne contamination that cling to the end face surface. The cleaning formulation has fast evaporation and low odour, is plastic safe, residue free, and low VOC.

This non-pressurized container can be easily and safely transported. For best results, use with the End Face Dry Wipe Cube Platform or End Face Click Cleaner Tool and the Combination Cleaning process.

#### Features and Benefits

- Specifically formulated for cleaning all fibre optic connectors
- Removes handling soils, dust, oils and airborne contamination
- Nonflammable and low odour
- Residue free, fast evaporating and low VOC
- Portable and easily transportable
- Cleans connectors with End Face Dry Wipe Cube Platform or with End Face Click Cleaner Tool
- Dissipates static charge which can attract airborne contaminants
- Plastic safe and compatible for all fibre optic connectors
- Approximately 400 end face cleanings per pen

#### Typical Applications

- Connector end face cleaning
- Cleaning fibre and splice trays pre-splice
- Cleans tools and meters
- Cleans cables
- All repair and maintenance spot cleaning

#### Compatibility

The Non-Combustable End Face Pen is compatible with most materials used in telecommunications. As with any solvent, compatibility with substrate should be determined on a non-critical area prior to use.

Material	Compatibility	Material	Compatibility
ABS	Excellent	Noryl®	Excellent
Buna-N	Excellent	Nylon 66™	Excellent
EPDM	Excellent	Cross-Linked PE	Excellent
Graphite	Excellent	Polypropylene	Excellent
HDPE	Excellent	Polystyrene	Excellent
Kynar™	Excellent	PVC	Excellent
LDPE	Excellent	Silicone Rubber	Excellent
Lexan™	Excellent	Teflon	Excellent
Neoprene	Excellent	Viton	Excellent



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#### Product Data And Physical Properties

Appearance	Clear, colourless liquid
Odour	Ethereal
Solubility in Water	Negligible (207mm Hg @ 25°C)
Specific Gravity	1.45 @ 23.9°C (water = 1 @ 77°F)
Surface Tension	15 dynes/cm
Evaporation Rate	<1 (butyl acetate = 1)
Boiling Point	54°C
Flash Point (TCC)	None
Kauri-Butanol (KB) Number	28
VOC* Content	
CARB	4.5%
SCAQMD	67 g/L
Federal	4.5%
Shelf life	5 years
RoHS Compliant	Yes

\* ODP, HCFC-225, Chlorinated Solvent, VOC, HFC, and nPB percentages shown are the content by weight. Volatile Organic Compound (VOC) information is calculated on a weight basis using the VOC definition of California Air Resources Board (CARB) Consumer Product Regulations, South Coast Air Quality Management District (SCAQMD) Rule 102 and the Federal definition published in 40 CFR 51.100(s).

#### Environmental Impact Data

ODP	0%
HCFC 225	0%
HFC	0%
CL Solv.	0%
nPB	0%

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