

# McGill™ Protect-O-Sleeves

## For Fluorescent Tubes

**NEC:**  
*Rated for Ordinary (Unclassified) Locations*  
*Meets OSHA safety requirements*

### Applications

- Reusable Protect-O-Sleeves encase existing fluorescent tubes to insulate and improve lighting efficiency at low temperatures.
- High tensile, polycarbonate strength protects people, equipment, and products.

### Features

- Furnished with end caps that fit snugly between lamp and sleeve.
- Insulates lamps up to 2.5 times at -6 °C (20 °F).
- Accommodates lamps up to 800 milliamps ①.
- For use up to 38 °C (100 °F) ambient temperature.
- Most T-8 and T-12 versions available in colors.



2260 (T-12)



2270 (T-8)



2546 (T-5)

#### T-5 Clear Protect-O-Sleeves ②

Lamp Type	Nominal Lamp Length Millimeters (Inches)	Catalog Number for Sleeve with 2 Caps for T-5 Diameter Lamps	Box Quantity
F-14	558.8 (22)	2522	48
F-21	863.6 (34)	2534	24
F-28	1168.4 (46)	2546	24

#### T-8 and T-12 Clear Protect-O-Sleeves ①

Lamp Type	Nominal Lamp Length Millimeters (Inches)	Catalog Number for Sleeve with 2 Caps for T-12 Diameter Lamps	Catalog Number for Sleeve with 2 Caps for T-8 Diameter Lamps	Box Quantity
F-15	457.2 (18)	—	2270	24
F-20	609.6 (24)	2268	2278	24
F-30	914.4 (36)	—	2271	24
F-32	1219.2 (48)	—	2295	24
F-36	914.4 (36)	2269	—	24
F-40	1219.2 (48)	2260	—	24
F-40	1524.0 (60)	—	2286	24
F-48	1168.4 (46)	2261	—	24
F-60	1524.0 (60)	2276	—	24
F-72	1828.8 (72)	2262	2272	24
F-96	2438.4 (96)	2263	2273	24

① No. 2285 heat sink screens must be used with T-8 and T-12 800-milliamp maximum HO lamp bases. Two heat sink screens required per sleeve (one at each end between lamp and sleeve). HO lamps create excessive heat at the ends. The open metal mesh of the heat sink screens spreads the excess heat over a larger area to help eliminate deterioration of the sleeve. **NOT for use with VHO lamps.**

② **NOT for use with HO or VHO lamps.**

# McGill™ Protect-O-Sleeves

## For Fluorescent Tubes

**NEC:**  
*Rated for Ordinary (Unclassified) Locations*  
*Meets OSHA safety requirements*

### Colored Protect-O-Sleeves ①

Lamp Type	Catalog Numbers for Sleeve with 2 Caps					Box Quantity
	Blue	Green	Pink	Red	Yellow	
F-32, T-8	2295-B	2295-G	2295-P	2295-R	2295-Y	12
F-40, T-12	2260-B	2260-G	2260-P	2260-R	2260-Y	12
F-48, T-12	2261-B	2261-G	2261-P	2261-R	2261-Y	12
F-72, T-12	2262-B	2262-G	2262-P	2262-R	2262-Y	12
F-96, T-8	2273-B	2273-G	2273-P	2273-R	2273-Y	12
F-96, T-12	2263-B	2263-G	2263-P	2263-R	2263-Y	12

### Accessories and Replacement Parts

	Catalog Number
Universal end cap for T-5, 2500 series	2508
Universal end cap for T-12, 2260 series	2265
Heat sink screen for HO lamp bases	2285 ①
Universal end cap for T-8, 2270 and 2295 series sleeves produced prior to 8-1-97	2274
Universal end cap for T-8, 2270 and 2295 series sleeves produced after 8-1-97	2279

① No. 2285 heat sink screens must be used with T-8 and T-12 800-milliamp maximum HO lamp bases. Two heat sink screens required per sleeve (one at each end between lamp and sleeve). HO lamps create excessive heat at the ends. The open metal mesh of the heat sink screens spreads the excess heat over a larger area to help eliminate deterioration of the sleeve. **NOT for use with VHO lamps.**

# McGill™ Protect-O-Sleeves

## For Fluorescent Tubes

**NEC:**  
*Rated for Ordinary (Unclassified) Locations*  
*Meets OSHA safety requirements*

### Applications

- Reusable Protect-O-Sleeves encase existing fluorescent tubes to insulate and improve lighting efficiency at low temperatures.
- High tensile, polycarbonate strength protects people, equipment, and products.

### Features

- Furnished with end caps that fit snugly between lamp and sleeve.
- Insulates lamps up to 2.5 times at -6 °C (20 °F).
- Accommodates lamps up to 800 milliamps ①.
- For use up to 38 °C (100 °F) ambient temperature.
- Most T-8 and T-12 versions available in colors.



2260 (T-12)



2270 (T-8)



2546 (T-5)

### T-5 Clear Protect-O-Sleeves ②

Lamp Type	Nominal Lamp Length Millimeters (Inches)	Catalog Number for Sleeve with 2 Caps for T-5 Diameter Lamps	Box Quantity
F-14	558.8 (22)	2522	48
F-21	863.6 (34)	2534	24
F-28	1168.4 (46)	2546	24

### T-8 and T-12 Clear Protect-O-Sleeves ①

Lamp Type	Nominal Lamp Length Millimeters (Inches)	Catalog Number for Sleeve with 2 Caps for T-12 Diameter Lamps	Catalog Number for Sleeve with 2 Caps for T-8 Diameter Lamps	Box Quantity
F-15	457.2 (18)	—	2270	24
F-20	609.6 (24)	2268	2278	24
F-30	914.4 (36)	—	2271	24
F-32	1219.2 (48)	—	2295	24
F-36	914.4 (36)	2269	—	24
F-40	1219.2 (48)	2260	—	24
F-40	1524.0 (60)	—	2286	24
F-48	1168.4 (46)	2261	—	24
F-60	1524.0 (60)	2276	—	24
F-72	1828.8 (72)	2262	2272	24
F-96	2438.4 (96)	2263	2273	24

① No. 2285 heat sink screens must be used with T-8 and T-12 800-milliamp maximum HO lamp bases. Two heat sink screens required per sleeve (one at each end between lamp and sleeve). HO lamps create excessive heat at the ends. The open metal mesh of the heat sink screens spreads the excess heat over a larger area to help eliminate deterioration of the sleeve. **NOT for use with VHO lamps.**

② **NOT for use with HO or VHO lamps.**

# McGill™ Protect-O-Sleeves

## For Fluorescent Tubes

**NEC:**  
*Rated for Ordinary (Unclassified) Locations*  
*Meets OSHA safety requirements*

### Colored Protect-O-Sleeves ①

Lamp Type	Catalog Numbers for Sleeve with 2 Caps					Box Quantity
	Blue	Green	Pink	Red	Yellow	
F-32, T-8	2295-B	2295-G	2295-P	2295-R	2295-Y	12
F-40, T-12	2260-B	2260-G	2260-P	2260-R	2260-Y	12
F-48, T-12	2261-B	2261-G	2261-P	2261-R	2261-Y	12
F-72, T-12	2262-B	2262-G	2262-P	2262-R	2262-Y	12
F-96, T-8	2273-B	2273-G	2273-P	2273-R	2273-Y	12
F-96, T-12	2263-B	2263-G	2263-P	2263-R	2263-Y	12

### Accessories and Replacement Parts

	Catalog Number
Universal end cap for T-5, 2500 series	2508
Universal end cap for T-12, 2260 series	2265
Heat sink screen for HO lamp bases	2285 ①
Universal end cap for T-8, 2270 and 2295 series sleeves produced prior to 8-1-97	2274
Universal end cap for T-8, 2270 and 2295 series sleeves produced after 8-1-97	2279

① No. 2285 heat sink screens must be used with T-8 and T-12 800-milliamp maximum HO lamp bases. Two heat sink screens required per sleeve (one at each end between lamp and sleeve). HO lamps create excessive heat at the ends. The open metal mesh of the heat sink screens spreads the excess heat over a larger area to help eliminate deterioration of the sleeve. **NOT for use with VHO lamps.**