

# 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<br>Millimeters (Inches) | Catalog Number for Sleeve with 2 Caps<br>for T-5 Diameter Lamps | Box<br>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<br>Millimeters (Inches) | Catalog Number for Sleeve with 2 Caps<br>for T-12 Diameter Lamps | Catalog Number for Sleeve with 2 Caps<br>for T-8 Diameter Lamps | Box<br>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.**

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### 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           |

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| 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           |

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