

Electrical Markets

3M™ Wire Pulling Lubricant Spray WLS



Effective Highly-Concentrated Spray Lubricant

3M™ Wire Pulling Lubricant Spray WLS (3M WLS) is a highly concentrated liquid formula that requires only a thin coating for excellent cling and lubrication. Its spray or stream nozzle allows flexible application for a variety of jobs and keeps your hands clean. 3M WLS is suitable for most types of cable installation, and is designed to significantly reduce pulling friction on “enhanced” THHN cable.

3M

Product Benefits

- Spray dispenser and non-staining formula keep you clean
- Highly concentrated and effective
- Significantly reduces pulling friction on “enhanced” THHN cable
- Continues to lubricate after drying
- Compatible with most cable jackets
- Non-toxic, environmentally friendly
- Non-flammable, no flash point

Directions for Use

3M™ Wire Pulling Lubricant Spray WLS (3M WLS) can be sprayed into the conduit and/or directly onto the cable. It may be hand-sprayed from the quart-size bottle, or, for larger jobs, an industrial sprayer works well for propelling 3M WLS from the 5-gallon pail.

3M WLS thickens upon contact with the conduit or cable and leaves only a small amount of residue, which continues to lubricate after drying.

The formula at right is recommended for determining the approximate amount of 3M WLS needed for a given pull.

(Note: the exact quantity needed can vary significantly, as consideration must be given to factors such as cable type and the length and difficulty of the pull.)

Ordering Information

Product Number	UPC	Product Description	Case Qty
WLS-QT	051128-57925	Spray Wire Pulling Lubricant (Quart)	12
WLS-1	051128-57926	Spray Wire Pulling Lubricant (Gallon)	4
WLS-5	051128-57927	Spray Wire Pulling Lubricant (5-Gallon)	1

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$$Q = r \times L \times D$$

Where:

Q = quantity in gallons (liters)

L = length of conduit run in ft (meters)

D = ID of the conduit in inches (mm)

r = 0.0015 (0.0008 if metric units)