

# NF Printable Heat Shrink Sleeves

## Diesel Resistant 3:1 ratio

Very flexible, high temperature rated, highly flame retardant, UV Stabilised heat shrinkable tubing (3:1 shrink ratio). Ideally suited for applications where resistance to organic fluids, common fuels, lubricants and solvents are required. Flexible polyolefin sleeves used for wire identification. Markers are supplied roll form in a flattened format on a backing which can also be printed to aid sorting.



### INFORMATION

- + Diesel Resistant
- + Flame Retardant
- + Self Extinguishing
- + Meets SNCF Spec. NF-F00-608
- + Easy Pick Application
- + Backing card perforated after every sleeve
- + Print performance to Military Specifications
- + RoHS and REACH Compliant

### SPECIFICATION

**Temperature range**  
-55°C to +135°C

**Material**  
flexible polyolefin

**Print**  
thermal transfer

**Print performance to military specifications**  
Adherence: SAE-AMS-DTL-23053-6 Class 1

**Standard colours**  
yellow and white

**Shrink ratio**  
3:1

**Certified and issued to:**  
UL224 @ 300V

| PROPERTY                            | VALUE                                     |
|-------------------------------------|-------------------------------------------|
| Continuous Operating Temperature    | -55°C to +135°C                           |
| Min. Shrink Temp. for full Recovery | 130°C (starts at 100°C)                   |
| Heat Shock (250°Cx4h)               | Pass no crack, flowing or dripping        |
| Longitudinal Change                 | +/-10% Max.                               |
| Tensile Strength                    | 13.8 MPa Min.                             |
| Elongation at Break                 | 200% Min.                                 |
| Diesel Oil Resistance               | NF F00-608                                |
| Secant Modulus                      | 172 MPa Max.                              |
| Flammability                        | Flame retarded 60 sec Max. ASTM-D2671 (B) |

### PRODUCT RANGE

| TYPE         | DIAMETER (mm)<br>BEFORE SHRINKING | DIAMETER (mm)<br>AFTER SHRINKING | SLEEVE LENGTH(mm) | MARKERS ACROSS | MARKERS / BOX |
|--------------|-----------------------------------|----------------------------------|-------------------|----------------|---------------|
| NF^032125LR* | 3.2                               | 1.10                             | 12.5              | 4              | 4000          |
| NF^032250LR* | 3.2                               | 1.10                             | 25                | 2              | 2000          |
| NF^032500LR* | 3.2                               | 1.10                             | 50                | 1              | 1000          |
| NF^048125LR* | 4.8                               | 1.6                              | 12.5              | 4              | 4000          |
| NF^048250LR* | 4.8                               | 1.6                              | 25                | 2              | 2000          |
| NF^048500LR* | 4.8                               | 1.6                              | 50                | 1              | 1000          |
| NF^064125LR* | 6.4                               | 2.10                             | 12.5              | 4              | 4000          |
| NF^064250LR* | 6.4                               | 2.10                             | 25                | 2              | 2000          |
| NF^064500LR* | 6.4                               | 2.10                             | 50                | 1              | 1000          |
| NF^095125LR* | 9.5                               | 3.2                              | 12.5              | 4              | 2000          |
| NF^095250LR* | 9.5                               | 3.2                              | 25                | 2              | 1000          |
| NF^095500LR* | 9.5                               | 3.2                              | 50                | 1              | 500           |
| NF^127125LR* | 12.7                              | 4.2                              | 12.5              | 4              | 2000          |
| NF^127250LR* | 12.7                              | 4.2                              | 25                | 2              | 1000          |
| NF^127500LR* | 12.7                              | 4.2                              | 50                | 1              | 500           |
| NF^180125LR* | 18.0                              | 6.4                              | 12.5              | 4              | 2000          |
| NF^180250LR* | 18.0                              | 6.4                              | 25                | 2              | 1000          |
| NF^180500LR* | 18.0                              | 6.4                              | 50                | 1              | 500           |
| NF^254250LR* | 25.4                              | 8.5                              | 25                | 2              | 600           |
| NF^254500LR* | 25.4                              | 8.5                              | 50                | 1              | 300           |
| NF^381500LR* | 38.1                              | 12.6                             | 50                | 1              | 100           |
| NF^508500LR* | 50.8                              | 16.9                             | 50                | 1              | 100           |

^= S (single sided), D (double sided) \* = Colour (4=Yellow, 9=White)

Recommended ribbon: 2020 series