# NYLON TUBE : INDUSTRIAL - Imperial (Category 14)



Esdan Nylon Pressure tubing is made from high quality nylon. It has an excellent dimensional stability, is light and saves as much as 75% in weight over rubber hoses & steel lines. Esdan Nylon is used as a standard by many large original equipment manufacturers and industrial users in a wide range of applications. All pressure tubes are temperature & light stabilised. Esdan Nylon is highly resistant to corrosion and heat aging. It also fully resists gasoline, diesel, fuel, oil, grease, brake fluids and other chemicals. Esdan Nylon is easy to install, the tubing can be routed inside frame rails, around corners in continuous length, thus reducing the number of couplings.

## Imperial Tube Sizes

| 1/8 Nylon | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 1/8 | 0.087 | 1000 | 6890 | 250 | 1723 |
| | Length | | Colour | | | |
| 14-N1102-020 | 20m Coil | | Black | | | |
| 14-N1102-050 | 50m Coil | | Black | | | |
| 14-N1102-100 | 100m Coil | | Black | | | |
| 14-N1102N-020 | 20m Coil | | Natural | | | |
| 14-N1102N-050 | 50m Coil | | Natural | | | |
| 14-N1102N-100 | 100m Coil | | Natural | | | |
| 14-N1102B-020 | 20m Coil | | Blue | | | |
| 14-N1102B-050 | 50m Coil | | Blue | | | |
| 14-N1102B-100 | 100m Coil | | Blue | | | |
| 14-N1102R-020 | 20m Coil | | Red | | | |
| 14-N1102R-050 | 50m Coil | | Red | | | |
| 14-N1102R-100 | 100m Coil | | Red | | | |
| 14-N1102G-020 | 20m Coil | | Green | | | |
| 14-N1102G-050 | 50m Coil | | Green | | | |
| 14-N1102G-100 | 100m Coil | | Green | | | |
| 14-N1102Y-020 | 20m Coil | | Yellow | | | |
| 14-N1102Y-050 | 50m Coil | | Yellow | | | |
| 14-N1102Y-100 | 100m Coil | | Yellow | | | |

| 3/16 Nylon | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 3/16 | 0.125 | 1000 | 6890 | 250 | 1723 |
| | Length | | Colour | | | |
| 14-N1103-020 | 20m Coil | | Black | | | |
| 14-N1103-050 | 50m Coil | | Black | | | |
| 14-N1103-100 | 100m Coil | | Black | | | |
| 14-N1103-300 | 300m Coil | | Black | | | |
| 14-N1103N-020 | 20m Coil | | Natural | | | |
| 14-N1103N-050 | 50m Coil | | Natural | | | |
| 14-N1103N-100 | 100m Coil | | Natural | | | |
| 14-N1103B-020 | 20m Coil | | Blue | | | |
| 14-N1103B-050 | 50m Coil | | Blue | | | |
| 14-N1103B-100 | 100m Coil | | Blue | | | |
| 14-N1103R-020 | 20m Coil | | Red | | | |
| 14-N1103R-050 | 50m Coil | | Red | | | |
| 14-N1103R-100 | 100m Coil | | Red | | | |
| **Continued in Next Column** | | | | | | |

| 3/16 Nylon | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 3/16 | 0.125 | 1000 | 6890 | 250 | 1723 |
| | Length | | Colour | | | |
| **Continued From Previous Column** | | | | | | |
| 14-N1103G-020 | 20m Coil | | Green | | | |
| 14-N1103G-050 | 50m Coil | | Green | | | |
| 14-N1103G-100 | 100m Coil | | Green | | | |
| 14-N1103Y-020 | 20m Coil | | Yellow | | | |
| 14-N1103Y-050 | 50m Coil | | Yellow | | | |
| 14-N1103Y-100 | 100m Coil | | Yellow | | | |

| 1/4 Nylon | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 1/4 | 0.169 | 1000 | 6890 | 250 | 1723 |
| | Length | | Colour | | | |
| 14-N1104-020 | 20m Coil | | Black | | | |
| 14-N1104-050 | 50m Coil | | Black | | | |
| 14-N1104-100 | 100m Coil | | Black | | | |
| 14-N1104-300 | 300m Reel | | Black | | | |
| 14-N1104-1000 | 1000m Reel | | Black | | | |
| 14-N1104N-020 | 20m Coil | | Natural | | | |
| 14-N1104N-050 | 50m Coil | | Natural | | | |
| 14-N1104N-100 | 100m Coil | | Natural | | | |
| 14-N1104B-020 | 20m Coil | | Blue | | | |
| 14-N1104B-050 | 50m Coil | | Blue | | | |
| 14-N1104B-100 | 100m Coil | | Blue | | | |
| 14-N1104R-020 | 20m Coil | | Red | | | |
| 14-N1104R-050 | 50m Coil | | Red | | | |
| 14-N1104R-100 | 100m Coil | | Red | | | |
| 14-N1104G-020 | 20m Coil | | Green | | | |
| 14-N1104G-050 | 50m Coil | | Green | | | |
| 14-N1104G-100 | 100m Coil | | Green | | | |
| 14-N1104Y-020 | 20m Coil | | Yellow | | | |
| 14-N1104Y-050 | 50m Coil | | Yellow | | | |
| 14-N1104Y-100 | 100m Coil | | Yellow | | | |

# NYLON TUBE : INDUSTRIAL - Imperial (Category 14)



Esdan Nylon Pressure tubing is made from high quality nylon. It has an excellent dimensional stability, is light and saves as much as 75% in weight over rubber hoses & steel lines. Esdan Nylon is used as a standard by many large original equipment manufacturers and industrial users in a wide range of applications. All pressure tubes are temperature & light stabilised. Esdan Nylon is highly resistant to corrosion and heat aging. It also fully resists gasoline, diesel, fuel, oil, grease, brake fluids and other chemicals. Esdan Nylon is easy to install, the tubing can be routed inside frame rails, around corners in continuous length, thus reducing the number of couplings.

## Imperial Tube Sizes

| 5/16 Nylon | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 5/16 | 0.214 | 1000 | 6890 | 250 | 1723 |
| | Length | | | | Colour | |
| 14-N1105-020 | 20m Coil | | | | Black | |
| 14-N1105-050 | 50m Coil | | | | Black | |
| 14-N1105-100 | 100m Coil | | | | Black | |
| 14-N1105N-020 | 20m Coil | | | | Natural | |
| 14-N1105N-050 | 50m Coil | | | | Natural | |
| 14-N1105N-100 | 100m Coil | | | | Natural | |
| 14-N1105B-020 | 20m Coil | | | | Blue | |
| 14-N1105B-050 | 50m Coil | | | | Blue | |
| 14-N1105B-100 | 100m Coil | | | | Blue | |
| 14-N1105R-020 | 20m Coil | | | | Red | |
| 14-N1105R-050 | 50m Coil | | | | Red | |
| 14-N1105R-100 | 100m Coil | | | | Red | |
| 14-N1105G-020 | 20m Coil | | | | Green | |
| 14-N1105G-050 | 50m Coil | | | | Green | |
| 14-N1105G-100 | 100m Coil | | | | Green | |
| 14-N1105Y-020 | 20m Coil | | | | Yellow | |
| 14-N1105Y-050 | 50m Coil | | | | Yellow | |
| 14-N1105Y-100 | 100m Coil | | | | Yellow | |

| 3/8 Nylon | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 3/8 | 0.258 | 1000 | 6890 | 250 | 1723 |
| | Length | | | | Colour | |
| 14-N1106-020 | 20m Coil | | | | Black | |
| 14-N1106-050 | 50m Coil | | | | Black | |
| 14-N1106-100 | 100m Coil | | | | Black | |
| 14-N1106N-020 | 20m Coil | | | | Natural | |
| 14-N1106N-050 | 50m Coil | | | | Natural | |
| 14-N1106N-100 | 100m Coil | | | | Natural | |
| 14-N1106B-020 | 20m Coil | | | | Blue | |
| 14-N1106B-050 | 50m Coil | | | | Blue | |
| 14-N1106B-100 | 100m Coil | | | | Blue | |
| 14-N1106R-020 | 20m Coil | | | | Red | |
| 14-N1106R-050 | 50m Coil | | | | Red | |
| 14-N1106R-100 | 100m Coil | | | | Red | |
| **Continued in Next Column** | | | | | | |

| 3/8 Nylon | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 3/8 | 0.258 | 1000 | 6890 | 250 | 1723 |
| | Length | | | | Colour | |
| **Continued From Previous Column** | | | | | | |
| 14-N1106G-020 | 20m Coil | | | | Green | |
| 14-N1106G-050 | 50m Coil | | | | Green | |
| 14-N1106G-100 | 100m Coil | | | | Green | |
| 14-N1106Y-020 | 20m Coil | | | | Yellow | |
| 14-N1106Y-050 | 50m Coil | | | | Yellow | |
| 14-N1106Y-100 | 100m Coil | | | | Yellow | |

| 1/2 Nylon | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 1/2 | 0.347 | 1000 | 6890 | 250 | 1723 |
| | Length | | | | Colour | |
| 14-N1108-020 | 20m Coil | | | | Black | |
| 14-N1108-050 | 50m Coil | | | | Black | |
| 14-N1108-100 | 100m Coil | | | | Black | |
| 14-N1108-200 | 200m Reel | | | | Black | |
| 14-N1108N-020 | 20m Coil | | | | Natural | |
| 14-N1108N-050 | 50m Coil | | | | Natural | |
| 14-N1108N-100 | 100m Coil | | | | Natural | |
| 14-N1108B-020 | 20m Coil | | | | Blue | |
| 14-N1108B-050 | 50m Coil | | | | Blue | |
| 14-N1108B-100 | 100m Coil | | | | Blue | |
| 14-N1108R-020 | 20m Coil | | | | Red | |
| 14-N1108R-050 | 50m Coil | | | | Red | |
| 14-N1108R-100 | 100m Coil | | | | Red | |
| 14-N1108G-020 | 20m Coil | | | | Green | |
| 14-N1108G-050 | 50m Coil | | | | Green | |
| 14-N1108G-100 | 100m Coil | | | | Green | |
| 14-N1108Y-020 | 20m Coil | | | | Yellow | |
| 14-N1108Y-050 | 50m Coil | | | | Yellow | |
| 14-N1108Y-100 | 100m Coil | | | | Yellow | |

# NYLON TUBE : INDUSTRIAL - Imperial & Metric (Category 14)



Esdan Nylon Pressure tubing is made from high quality nylon. It has an excellent dimensional stability, is light and saves as much as 75% in weight over rubber hoses & steel lines. Esdan Nylon is used as a standard by many large original equipment manufacturers and industrial users in a wide range of applications. All pressure tubes are temperature & light stabilised. Esdan Nylon is highly resistant to corrosion and heat aging. It also fully resists gasoline, diesel, fuel, oil, grease, brake fluids and other chemicals. Esdan Nylon is easy to install, the tubing can be routed inside frame rails, around corners in continuous length, thus reducing the number of couplings.

## Imperial Tube Sizes

| 5/8 Nylon | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 5/8 | 0.495 | 500 | 3445 | 125 | 861 |
| | Length | | | | Colour | |
| 14-N1110-020 | 20m Coil | | | | Black | |
| 14-N1110-050 | 50m Coil | | | | Black | |
| 14-N1110-100 | 100m Coil | | | | Black | |
| 14-N1110N-020 | 20m Coil | | | | Natural | |
| 14-N1110N-050 | 50m Coil | | | | Natural | |
| 14-N1110N-100 | 100m Coil | | | | Natural | |

| 3/4 Nylon | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 3/4 | 0.590 | 500 | 3445 | 125 | 861 |
| | Length | | | | Colour | |
| 14-N1112-020 | 20m Coil | | | | Black | |
| 14-N1112-050 | 50m Coil | | | | Black | |
| 14-N1112-100 | 100m Coil | | | | Black | |
| 14-N1112N-050 | 50m Coil | | | | Natural | |
| 14-N1112N-100 | 100m Coil | | | | Natural | |

## Metric Tube Sizes

| 4mm Nylon | Size (mm) | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 4 | 2.7 | 1000 | 6890 | 250 | 1723 |
| | Length | | | | Colour | |
| 14-NM1104-020 | 20m Coil | | | | Black | |
| 14-NM1104-050 | 50m Coil | | | | Black | |
| 14-NM1104-100 | 100m Coil | | | | Black | |
| 14-NM1104-300 | 300m Reel | | | | Black | |
| 14-NM1104N-020 | 20m Coil | | | | Natural | |
| 14-NM1104N-050 | 50m Coil | | | | Natural | |
| 14-NM1104N-100 | 100m Coil | | | | Natural | |
| 14-NM1104B-020 | 20m Coil | | | | Blue | |
| 14-NM1104B-050 | 50m Coil | | | | Blue | |
| 14-NM1104B-100 | 100m Coil | | | | Blue | |
| 14-NM1104R-020 | 20m Coil | | | | Red | |
| 14-NM1104R-050 | 50m Coil | | | | Red | |
| 14-NM1104R-100 | 100m Coil | | | | Red | |
| 14-NM1104G-020 | 20m Coil | | | | Green | |
| 14-NM1104G-050 | 50m Coil | | | | Green | |
| 14-NM1104G-100 | 100m Coil | | | | Green | |
| 14-NM1104Y-020 | 20m Coil | | | | Yellow | |
| 14-NM1104Y-050 | 50m Coil | | | | Yellow | |
| 14-NM1104Y-100 | 100m Coil | | | | Yellow | |

| 5mm Nylon | Size (mm) | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 5 | 3.3 | 1000 | 6890 | 250 | 1723 |
| | Length | | | | Colour | |
| 14-NM1105-020 | 20m Coil | | | | Black | |
| 14-NM1105-050 | 50m Coil | | | | Black | |
| 14-NM1105-100 | 100m Coil | | | | Black | |
| 14-NM1105N-020 | 20m Coil | | | | Natural | |
| 14-NM1105N-100 | 100m Coil | | | | Natural | |

| 6mm Nylon | Size (mm) | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 6 | 4 | 1000 | 6890 | 250 | 1723 |
| | Length | | | | Colour | |
| 14-NM1106-020 | 20m Coil | | | | Black | |
| 14-NM1106-050 | 50m Coil | | | | Black | |
| 14-NM1106-100 | 100m Coil | | | | Black | |
| 14-NM1106-300 | 300m Reel | | | | Black | |
| 14-NM1106N-020 | 20m Coil | | | | Natural | |
| 14-NM1106N-050 | 50m Coil | | | | Natural | |
| 14-NM1106N-100 | 100m Coil | | | | Natural | |

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# NYLON TUBE : INDUSTRIAL - Metric (Category 14)



Esdan Nylon Pressure tubing is made from high quality nylon. It has an excellent dimensional stability, is light and saves as much as 75% in weight over rubber hoses & steel lines. Esdan Nylon is used as a standard by many large original equipment manufacturers and industrial users in a wide range of applications. All pressure tubes are temperature & light stabilised. Esdan Nylon is highly resistant to corrosion and heat aging. It also fully resists gasoline, diesel, fuel, oil, grease, brake fluids and other chemicals. Esdan Nylon is easy to install, the tubing can be routed inside frame rails, around corners in continuous length, thus reducing the number of couplings.

## Metric Tube Sizes

| 6mm Nylon | Size (mm) | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| | 6 | 4 | 1000 | 6890 | 250 | 1723 |
| Code | Length | | Colour | | | |
| **Continued From Previous Page** | | | | | | |
| 14-NM1106B-020 | 20m Coil | | Blue | | | |
| 14-NM1106B-050 | 50m Coil | | Blue | | | |
| 14-NM1106B-100 | 100m Coil | | Blue | | | |
| 14-NM1106R-020 | 20m Coil | | Red | | | |
| 14-NM1106R-050 | 50m Coil | | Red | | | |
| 14-NM1106R-100 | 100m Coil | | Red | | | |
| 14-NM1106G-020 | 20m Coil | | Green | | | |
| 14-NM1106G-050 | 50m Coil | | Green | | | |
| 14-NM1106G-100 | 100m Coil | | Green | | | |
| 14-NM1106Y-020 | 20m Coil | | Yellow | | | |
| 14-NM1106Y-050 | 50m Coil | | Yellow | | | |
| 14-NM1106Y-100 | 100m Coil | | Yellow | | | |

| 8mm Nylon | Size (mm) | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| | 8 | 5.2 | 1000 | 6890 | 250 | 1723 |
| Code | Length | | Colour | | | |
| 14-NM1108-020 | 20m Coil | | Black | | | |
| 14-NM1108-050 | 50m Coil | | Black | | | |
| 14-NM1108-100 | 100m Coil | | Black | | | |
| 14-NM1108-300 | 300m Reel | | Black | | | |
| 14-NM1108N-020 | 20m Coil | | Natural | | | |
| 14-NM1108N-050 | 50m Coil | | Natural | | | |
| 14-NM1108N-100 | 100m Coil | | Natural | | | |
| 14-NM1108B-020 | 20m Coil | | Blue | | | |
| 14-NM1108B-050 | 50m Coil | | Blue | | | |
| 14-NM1108B-100 | 100m Coil | | Blue | | | |
| 14-NM1108R-020 | 20m Coil | | Red | | | |
| 14-NM1108R-050 | 50m Coil | | Red | | | |
| 14-NM1108R-100 | 100m Coil | | Red | | | |
| 14-NM1108G-020 | 20m Coil | | Green | | | |
| 14-NM1108G-050 | 50m Coil | | Green | | | |
| 14-NM1108G-100 | 100m Coil | | Green | | | |
| 14-NM1108Y-020 | 20m Coil | | Yellow | | | |
| 14-NM1108Y-050 | 50m Coil | | Yellow | | | |
| 14-NM1108Y-100 | 100m Coil | | Yellow | | | |

| 10mm Nylon | Size (mm) | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| | 10 | 6.6 | 1000 | 6890 | 250 | 1723 |
| Code | Length | | Colour | | | |
| 14-NM1110-020 | 20m Coil | | Black | | | |
| 14-NM1110-050 | 50m Coil | | Black | | | |
| 14-NM1110-100 | 100m Coil | | Black | | | |
| 14-NM1110N-020 | 20m Coil | | Natural | | | |
| 14-NM1110N-050 | 50m Coil | | Natural | | | |
| 14-NM1110N-100 | 100m Coil | | Natural | | | |
| 14-NM1110B-020 | 20m Coil | | Blue | | | |
| 14-NM1110B-050 | 50m Coil | | Blue | | | |
| 14-NM1110B-100 | 100m Coil | | Blue | | | |
| 14-NM1110R-020 | 20m Coil | | Red | | | |
| 14-NM1110R-050 | 50m Coil | | Red | | | |
| 14-NM1110R-100 | 100m Coil | | Red | | | |
| 14-NM1110G-020 | 20m Coil | | Green | | | |
| 14-NM1110G-050 | 50m Coil | | Green | | | |
| 14-NM1110G-100 | 100m Coil | | Green | | | |
| 14-NM1110Y-020 | 20m Coil | | Yellow | | | |
| 14-NM1110Y-050 | 50m Coil | | Yellow | | | |
| 14-NM1110Y-100 | 100m Coil | | Yellow | | | |

| 12mm Nylon | Size (mm) | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| | 12 | 8 | 1000 | 6890 | 250 | 1723 |
| Code | Length | | Colour | | | |
| 14-NM1112-020 | 20m Coil | | Black | | | |
| 14-NM1112-050 | 50m Coil | | Black | | | |
| 14-NM1112-100 | 100m Coil | | Black | | | |
| 14-NM1112-500 | 500m Spool | | Black | | | |
| 14-NM1112N-020 | 20m Coil | | Natural | | | |
| 14-NM1112N-050 | 50m Coil | | Natural | | | |
| 14-NM1112N-100 | 100m Coil | | Natural | | | |
| 14-NM1112B-020 | 20m Coil | | Blue | | | |
| 14-NM1112B-050 | 50m Coil | | Blue | | | |
| 14-NM1112B-100 | 100m Coil | | Blue | | | |
| 14-NM1112R-020 | 20m Coil | | Red | | | |
| 14-NM1112R-050 | 50m Coil | | Red | | | |
| 14-NM1112R-100 | 100m Coil | | Red | | | |
| **Continued on Next Page** | | | | | | |

# NYLON TUBE : INDUSTRIAL - Metric (Category 14)



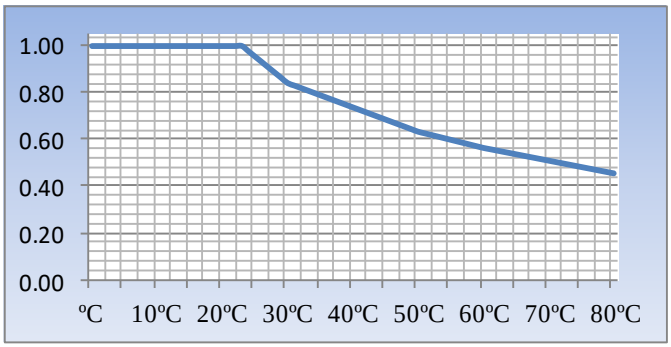
Esdan Nylon Pressure tubing is made from high quality nylon. It has an excellent dimensional stability, is light and saves as much as 75% in weight over rubber hoses & steel lines. Esdan Nylon is used as a standard by many large original equipment manufacturers and industrial users in a wide range of applications. All pressure tubes are temperature & light stabilised. Esdan Nylon is highly resistant to corrosion and heat aging. It also fully resists gasoline, diesel, fuel, oil, grease, brake fluids and other chemicals. Esdan Nylon is easy to install, the tubing can be routed inside frame rails, around corners in continuous length, thus reducing the number of couplings.

## Metric Tube Sizes

| 12mm Nylon | Size (mm) | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| | 12 | 8 | 1000 | 6890 | 250 | 1723 |
| Code | Length | | Colour | | | |
| **Continued From Previous Page** | | | | | | |
| 14-NM1112G-020 | 20m Coil | | Green | | | |
| 14-NM1112G-050 | 50m Coil | | Green | | | |
| 14-NM1112G-100 | 100m Coil | | Green | | | |
| 14-NM1112Y-020 | 20m Coil | | Yellow | | | |
| 14-NM1112Y-050 | 50m Coil | | Yellow | | | |
| 14-NM1112Y-100 | 100m Coil | | Yellow | | | |

| 14mm Nylon | Size (mm) | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| | 14 | 10.5 | 1000 | 6890 | 250 | 1723 |
| Code | Length | | Colour | | | |
| 14-NM1114-020 | 20m Coil | | Black | | | |
| 14-NM1114-100 | 100m Coil | | Black | | | |

| Derating Temperature Chart | |
|---|---|
| **Temperature** | **Factor** |
| -40ºC to 23ºC | 1.00 |
| 30ºC | 0.84 |
| 50ºC | 0.63 |
| 60ºC | 0.56 |
| 80ºC | 0.45 |




The working pressures listed for Nylon tube are based on an ambient temp of 23ºC. Higher temperatures will result in a reduction of pressure rating. To calculate working pressures at various temperatures, multiply working pressure by factor given in the table above.

# NYLON TUBE - SEMI RIGID INDUSTRIAL (Category 14)



Semi Rigid Tube is a higher pressure tube typically used for lubrication applications. It is made from high quality nylon and has an excellent dimensional stability, is light and saves as much as 75% in weight over rubber hoses & steel lines. Esdan Nylon is used as a standard by many large original equipment manufacturers and industrial users in a wide range of applications. All pressure tubes are temperature & light stabilised. Esdan Nylon is highly resistant to corrosion and heat aging. It also fully resists gasoline, diesel, fuel, oil, grease, brake fluids and other chemicals.

## Imperial Tube Sizes

| 1/8 Semi Rigid Nylon | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D | I.D | PSI | kPa | PSI | kPa |
| | 1/8 | 0.078 | 2500 | 17225 | 625 | 4306 |
| Code | Length | | Colour | | | |
| 14-NSR02-020 | 20m Coil | | Black | | | |
| 14-NSR02-050 | 50m Coil | | Black | | | |
| 14-NSR02-100 | 100m Coil | | Black | | | |
| 14-NSR02N-020 | 20m Coil | | Natural | | | |
| 14-NSR02N-050 | 50m Coil | | Natural | | | |
| 14-NSR02N-100 | 100m Coil | | Natural | | | |

| 3/16 Semi Rigid Nylon | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D | I.D | PSI | kPa | PSI | kPa |
| | 3/16 | 0.110 | 2500 | 17225 | 250 | 1723 |
| Code | Length | | Colour | | | |
| 14-NSR03-020 | 20m Coil | | Black | | | |
| 14-NSR03-050 | 50m Coil | | Black | | | |
| 14-NSR03-100 | 100m Coil | | Black | | | |
| 14-NSR03N-020 | 20m Coil | | Natural | | | |
| 14-NSR03N-050 | 50m Coil | | Natural | | | |
| 14-NSR03N-100 | 100m Coil | | Natural | | | |

# NYLON TUBE - SEMI RIGID INDUSTRIAL (Category 14)



Semi Rigid Tube is a higher pressure tube typically used for lubrication applications. It is made from high quality nylon and has an excellent dimensional stability, is light and saves as much as 75% in weight over rubber hoses & steel lines. Esdan Nylon is used as a standard by many large original equipment manufacturers and industrial users in a wide range of applications. All pressure tubes are temperature & light stabilised. Esdan Nylon is highly resistant to corrosion and heat aging. It also fully resists gasoline, diesel, fuel, oil, grease, brake fluids and other chemicals.

## Imperial Tube Sizes

| 1/4 Semi Rigid Nylon | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D | I.D | PSI | kPa | PSI | kPa |
| | 1/4 | 0.147 | 2500 | 17225 | 625 | 4306 |
| Code | Length | | Colour | | | |
| 14-NSR04-020 | 20m Coil | | Black | | | |
| 14-NSR04-050 | 50m Coil | | Black | | | |
| 14-NSR04-100 | 100m Coil | | Black | | | |
| 14-NSR04N-020 | 20m Coil | | Natural | | | |
| 14-NSR04N-050 | 50m Coil | | Natural | | | |
| 14-NSR04N-100 | 100m Coil | | Natural | | | |

| 3/8 Semi Rigid Nylon | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D | I.D | PSI | kPa | PSI | kPa |
| | 3/8 | 0.224 | 2500 | 17225 | 625 | 4306 |
| Code | Length | | Colour | | | |
| 14-NSR06-020 | 20m Coil | | Black | | | |
| 14-NSR06-050 | 50m Coil | | Black | | | |
| 14-NSR06-100 | 100m Coil | | Black | | | |
| 14-NSR06N-020 | 20m Coil | | Natural | | | |
| 14-NSR06N-050 | 50m Coil | | Natural | | | |
| 14-NSR06N-100 | 100m Coil | | Natural | | | |

| 5/16 Semi Rigid Nylon | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D | I.D | PSI | kPa | PSI | kPa |
| | 5/16 | 0.186 | 2500 | 17225 | 625 | 4306 |
| Code | Length | | Colour | | | |
| 14-NSR05-020 | 20m Coil | | Black | | | |
| 14-NSR05-050 | 50m Coil | | Black | | | |
| 14-NSR05-100 | 100m Coil | | Black | | | |
| 14-NSR05N-020 | 20m Coil | | Natural | | | |
| 14-NSR05N-050 | 50m Coil | | Natural | | | |
| 14-NSR05N-100 | 100m Coil | | Natural | | | |

| 1/2 Semi Rigid Nylon | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D | I.D | PSI | kPa | PSI | kPa |
| | 1/2 | 0.303 | 2500 | 17225 | 625 | 4306 |
| Code | Length | | Colour | | | |
| 14-NSR08-020 | 20m Coil | | Black | | | |
| 14-NSR08-050 | 50m Coil | | Black | | | |
| 14-NSR08-100 | 100m Coil | | Black | | | |
| 14-NSR08N-020 | 20m Coil | | Natural | | | |
| 14-NSR08N-050 | 50m Coil | | Natural | | | |
| 14-NSR08N-100 | 100m Coil | | Natural | | | |

## Metric Tube Sizes

| 4mm Semi Rigid Nylon | Size (mm) | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D | I.D | PSI | kPa | PSI | kPa |
| | 4 | 2.4 | 2500 | 17225 | 625 | 4306 |
| Code | Length | | Colour | | | |
| 14-NMSR04-020 | 20m Coil | | Black | | | |
| 14-NMSR04-050 | 50m Coil | | Black | | | |
| 14-NMSR04-100 | 100m Coil | | Black | | | |
| 14-NMSR04N-020 | 20m Coil | | Natural | | | |
| 14-NMSR04N-050 | 50m Coil | | Natural | | | |
| 14-NMSR04N-100 | 100m Coil | | Natural | | | |

| 6mm Semi Rigid Nylon | Size (mm) | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D | I.D | PSI | kPa | PSI | kPa |
| | 6 | 3.5 | 2500 | 17225 | 625 | 4306 |
| Code | Length | | Colour | | | |
| 14-NMSR06-020 | 20m Coil | | Black | | | |
| 14-NMSR06-050 | 50m Coil | | Black | | | |
| 14-NMSR06-100 | 100m Coil | | Black | | | |
| 14-NMSR06-300 | 300m Coil | | Black | | | |
| 14-NMSR06N-020 | 20m Coil | | Natural | | | |
| 14-NMSR06N-050 | 50m Coil | | Natural | | | |
| 14-NMSR06N-100 | 100m Coil | | Natural | | | |

# MULTICORE NYLON TUBING (Category 14)



- Core Made of heat and light stabilized nylon (polyamide) tubing.
- UV stabilized PVC cover.
- Product offers light weight and good flexibility.
- Wide range of operating temperatures up to 60°C.
- The option of having core tubing in metric and imperial sizes.
- Ease of operation in application where a number of tubing of similar size to be involved in different colours.



## Imperial Core Tubing

| Code | Nominal Core Tube O.D | Core | Working Pressure PSI | Working Pressure kPa | Length | Colours |
|---|---|---|---|---|---|---|
| 14-MC04-2C-100 | 1/4 | 2 | 145 | 999 | 100m | Black/Blue |
| 14-MC04-3C-100 | 1/4 | 3 | 145 | 999 | 100m | Black/Blue/Green |
| 14-MC04-4C-100 | 1/4 | 4 | 145 | 999 | 100m | Black/Blue/Green/Red |
| 14-MC04-5C-100 | 1/4 | 5 | 145 | 999 | 100m | Black/Blue/Green/Red/Orange |
| 14-MC04-6C-100 | 1/4 | 6 | 145 | 999 | 100m | Black/Blue/Green/Red/Orange/Grey |
| 14-MC04-7C-100 | 1/4 | 7 | 145 | 999 | 100m | Black/Blue/Green/Red/Orange/Grey/Yellow |
| 14-MC04-8C-100 | 1/4 | 8 | 145 | 999 | 100m | Black/Blue/Green/Red/Orange/Grey/Yellow/White |



## Metric Core Tubing

| Code | Nominal Core Tube O.D | Core | Working Pressure PSI | Working Pressure kPa | Length | Colours |
|---|---|---|---|---|---|---|
| 14-MCM06-2C-100 | 6mm | 2 | 145 | 999 | 100m | Black/Blue |
| 14-MCM06-3C-100 | 6mm | 3 | 145 | 999 | 100m | Black/Blue/Green |
| 14-MCM06-4C-100 | 6mm | 4 | 145 | 999 | 100m | Black/Blue/Green/Red |
| 14-MCM06-5C-100 | 6mm | 5 | 145 | 999 | 100m | Black/Blue/Green/Red/Orange |
| 14-MCM06-6C-100 | 6mm | 6 | 145 | 999 | 100m | Black/Blue/Green/Red/Orange/Grey |
| 14-MCM06-7C-100 | 6mm | 7 | 145 | 999 | 100m | Black/Blue/Green/Red/Orange/Grey/Yellow |
| 14-MCM06-8C-100 | 6mm | 8 | 145 | 999 | 100m | Black/Blue/Green/Red/Orange/Grey/Yellow/White |

# NYLON AIR BRAKE TUBE - Imperial (Category 14)



Esdan Air brake tubing is manufactured from nylon (polyamide) to meet requirements of SAE J844 and DOT FMVSS 571.106 specifications. It is developed specifically for air brake applications but can also be used in a wide range of instrumentation and air systems.
Type A tubes are of single wall construction. Type B tubes have a double wall construction with a nylon core, synthetic fibre braid and a nylon cover.
It is manufactured out of heat and light stabilized nylon, has good flexibility and a wide range of operating temperatures -40°F to +200°F (-40°C to +80°C)

## J844A Single Wall Imperial Airbrake Tube

| J844A DOT 1/8 Nylon | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 1/8 | 0.078 | 1000 | 6900 | 150 | 1000 |
| | Length | | Colour | | | |
| 14-SWJ02-025 | 25m Coil | | Black | | | |
| 14-SWJ02-100 | 100m Coil | | Black | | | |
| 14-SWJ02B-100 | 100m Coil | | Blue | | | |
| 14-SWJ02R-100 | 100m Coil | | Red | | | |

| J844A DOT 5/32 Nylon | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 5/32 | 0.092 | 1200 | 8300 | 150 | 1000 |
| | Length | | Colour | | | |
| 14-SWJ025-025 | 25m Coil | | Black | | | |
| 14-SWJ025-100 | 100m Coil | | Black | | | |
| 14-SWJ025W-100 | 100m Coil | | White | | | |
| 14-SWJ025B-100 | 100m Coil | | Blue | | | |
| 14-SWJ025R-100 | 100m Coil | | Red | | | |
| 14-SWJ025G-100 | 100m Coil | | Green | | | |

| J844A DOT 3/16 Nylon | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 3/16 | 0.117 | 1200 | 8300 | 150 | 1000 |
| | Length | | Colour | | | |
| 14-SWJ03-050 | 50m Coil | | Black | | | |
| 14-SWJ03-100 | 100m Coil | | Black | | | |
| 14-SWJ03B-100 | 100m Coil | | Blue | | | |
| 14-SWJ03G-100 | 100m Coil | | Green | | | |

| J844A DOT 1/4 Nylon | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 1/4 | 0.170 | 1200 | 8300 | 150 | 1000 |
| | Length | | Colour | | | |
| 14-SWJ04-025 | 25m Coil | | Black | | | |
| 14-SWJ04-050 | 50m Coil | | Black | | | |
| 14-SWJ04-100 | 100m Coil | | Black | | | |
| 14-SWJ04-250 | 250m Coil | | Black | | | |
| 14-SWJ04W-050 | 50m Coil | | White | | | |
| 14-SWJ04W-100 | 100m Coil | | White | | | |
| 14-SWJ04BR-100 | 100m Coil | | Brown | | | |
| 14-SWJ04B-025 | 25m Coil | | Blue | | | |
| 14-SWJ04B-100 | 100m Coil | | Blue | | | |
| 14-SWJ04R-025 | 25m Coil | | Red | | | |
| 14-SWJ04R-100 | 100m Coil | | Red | | | |
| 14-SWJ04G-050 | 50m Coil | | Green | | | |
| 14-SWJ04G-100 | 100m Coil | | Green | | | |
| 14-SWJ04Y-100 | 100m Coil | | Yellow | | | |
| 14-SWJ04GR-100 | 100m Coil | | Grey | | | |
| 14-SWJ04O-050 | 50m Coil | | Orange | | | |
| 14-SWJ04O-100 | 100m Coil | | Orange | | | |
| 14-SWJ04P-100 | 100m Coil | | Purple | | | |

| J844A DOT 5/16 Nylon | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 5/16 | 0.232 | 1000 | 6900 | 150 | 1000 |
| | Length | | Colour | | | |
| 14-SWJ05-025 | 25m Coil | | Black | | | |
| 14-SWJ05-050 | 50m Coil | | Black | | | |
| 14-SWJ05-100 | 100m Coil | | Black | | | |
| 14-SWJ05B-100 | 100m Coil | | Blue | | | |
| 14-SWJ05R-100 | 100m Coil | | Red | | | |





DOT Push-in Fittings also available.

Refer to Category 88





# NYLON AIR BRAKE TUBE - Imperial (Category 14)



Esdan Air brake tubing is manufactured from nylon (polyamide) to meet requirements of SAE J844 and DOT FMVSS 571.106 specifications. It is developed specifically for air brake applications but can also be used in a wide range of instrumentation and air systems.
Type A tubes are of single wall construction. Type B tubes have a double wall construction with a nylon core, synthetic fibre braid and a nylon cover.
It is manufactured out of heat and light stabilized nylon, has good flexibility and a wide range of operating temperatures -40°F to +200°F (-40°C to +80°C)

## J844B Braided Imperial Airbrake Tube

| J844B DOT 3/8 Nylon | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 3/8 | 0.251 | 1410 | 9700 | 150 | 1000 |
| | Length | | Colour | | | |
| 14-BR06-025 | 25m Coil | | Black | | | |
| 14-BR06-050 | 50m Coil | | Black | | | |
| 14-BR06-100 | 100m Coil | | Black | | | |
| 14-BR06-250 | 250m Reel | | Black | | | |
| 14-BR06B-025 | 25m Coil | | Blue | | | |
| 14-BR06B-050 | 50m Coil | | Blue | | | |
| 14-BR06B-100 | 100m Coil | | Blue | | | |
| 14-BR06B-250 | 250m Reel | | Blue | | | |
| 14-BR06R-025 | 25m Coil | | Red | | | |
| 14-BR06R-050 | 50m Coil | | Red | | | |
| 14-BR06R-100 | 100m Coil | | Red | | | |
| 14-BR06R-250 | 250m Reel | | Red | | | |
| 14-BR06G-025 | 25m Coil | | Green | | | |
| 14-BR06G-050 | 50m Coil | | Green | | | |
| 14-BR06G-100 | 100m Coil | | Green | | | |
| 14-BR06Y-025 | 25m Coil | | Yellow | | | |
| 14-BR06Y-050 | 50m Coil | | Yellow | | | |
| 14-BR06Y-100 | 100m Coil | | Yellow | | | |
| 14-BR06O-025 | 25m Coil | | Orange | | | |

| J844B DOT 1/2 Nylon | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 1/2 | 0.376 | 960 | 6600 | 150 | 1000 |
| | Length | | Colour | | | |
| 14-BR08-025 | 25m Coil | | Black | | | |
| 14-BR08-050 | 50m Coil | | Black | | | |
| 14-BR08-100 | 100m Coil | | Black | | | |
| 14-BR08-250 | 250m Reel | | Black | | | |
| 14-BR08B-025 | 25m Coil | | Blue | | | |
| 14-BR08B-050 | 50m Coil | | Blue | | | |
| 14-BR08B-100 | 100m Coil | | Blue | | | |
| 14-BR08R-025 | 25m Coil | | Red | | | |
| 14-BR08R-050 | 50m Coil | | Red | | | |
| 14-BR08R-100 | 100m Coil | | Red | | | |
| **Continued in Next Column** | | | | | | |

| J844B DOT 1/2 Nylon | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 1/2 | 0.376 | 960 | 6600 | 150 | 1000 |
| | Length | | Colour | | | |
| **Continued From Previous Column** | | | | | | |
| 14-BR08G-025 | 25m Coil | | Green | | | |
| 14-BR08G-050 | 50m Coil | | Green | | | |
| 14-BR08G-100 | 100m Coil | | Green | | | |
| 14-BR08Y-025 | 25m Coil | | Yellow | | | |
| 14-BR08Y-050 | 50m Coil | | Yellow | | | |
| 14-BR08Y-100 | 100m Coil | | Yellow | | | |

| J844B DOT 5/8 Nylon | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 5/8 | 0.441 | 900 | 6200 | 150 | 1000 |
| | Length | | Colour | | | |
| 14-BR10-025 | 25m Coil | | Black | | | |
| 14-BR10-050 | 50m Coil | | Black | | | |
| 14-BR10-100 | 100m Coil | | Black | | | |
| 14-BR10B-025 | 25m Coil | | Blue | | | |
| 14-BR10B-050 | 50m Coil | | Blue | | | |
| 14-BR10B-100 | 100m Coil | | Blue | | | |
| 14-BR10R-025 | 25m Coil | | Red | | | |
| 14-BR10R-050 | 50m Coil | | Red | | | |
| 14-BR10R-100 | 100m Coil | | Red | | | |
| 14-BR10G-025 | 25m Coil | | Green | | | |
| 14-BR10G-050 | 50m Coil | | Green | | | |
| 14-BR10G-100 | 100m Coil | | Green | | | |

| J844B DOT 3/4 Nylon | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 3/4 | 0.566 | 800 | 5500 | 150 | 1000 |
| | Length | | Colour | | | |
| 14-BR12-025 | 25m Coil | | Black | | | |
| 14-BR12-050 | 50m Coil | | Black | | | |
| 14-BR12-100 | 100m Coil | | Black | | | |
| 14-BR12B-100 | 100m Coil | | Blue | | | |
| 14-BR12R-100 | 100m Coil | | Red | | | |
| 14-BR12G-100 | 100m Coil | | Green | | | |

# NYLON AIR BRAKE TUBE - Metric (Category 14)



Note : Burst pressures are not required for DIN standard Tube. The first 3 sizes below are J844A pressure ratings.

## DIN74324/J844A Metric Airbrake Tube

| DIN74324 DOT 4mm Nylon Single Wall | Size (mm) | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 4 | 2 | 1200 | 8300 | 150 | 1000 |
| | Length | | Colour | | | |
| 14-SWM04-025 | 25m Coil | | Black | | | |
| 14-SWM04-050 | 50m Coil | | Black | | | |
| 14-SWM04-100 | 100m Coil | | Black | | | |

| DIN74324/J844A DOT 6mm Nylon Single Wall | Size (mm) | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 6 | 4 | 1200 | 8300 | 150 | 1000 |
| | Length | | Colour | | | |
| 14-SWM06-025 | 25m Coil | | Black | | | |
| 14-SWM06-050 | 50m Coil | | Black | | | |
| 14-SWM06-100 | 100m Coil | | Black | | | |
| 14-SWM06W-100 | 100m Coil | | White | | | |
| 14-SWM06B-100 | 100m Coil | | Blue | | | |
| 14-SWM06R-100 | 100m Coil | | Red | | | |
| 14-SWM06G-100 | 100m Coil | | Green | | | |
| 14-SWM06Y-100 | 100m Coil | | Yellow | | | |
| 14-SWM06GR-100 | 100m Coil | | Grey | | | |
| 14-SWM06O-100 | 100m Coil | | Orange | | | |

| DIN74324/J844A DOT 8mm Nylon Single Wall | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D | I.D | PSI | kPa | PSI | kPa |
| Code | 8 | 6 | 1000 | 6900 | 150 | 1000 |
| | Length | | Colour | | | |
| 14-SWM08-025 | 25m Coil | | Black | | | |
| 14-SWM08-050 | 50m Coil | | Black | | | |
| 14-SWM08-100 | 100m Coil | | Black | | | |
| 14-SWM08B-100 | 100m Coil | | Blue | | | |
| 14-SWM08R-100 | 100m Coil | | Red | | | |

| DIN74324 DOT 10mm Nylon Single Wall | Size (mm) | | Burst Pressure | Working Pressure | |
|---|---|---|---|---|---|
| | O.D | I.D | | PSI | kPa |
| Code | 10 | 7.5 | | 275 | 1900 |
| | Length | | Colour | | |
| 14-SWM10075-025 | 25m Coil | | Black | | |
| 14-SWM10075-050 | 50m Coil | | Black | | |
| 14-SWM10075-100 | 100m Coil | | Black | | |
| 14-SWM10075B-100 | 100m Coil | | Blue | | |
| 14-SWM10075R-100 | 100m Coil | | Red | | |

| DIN74324 DOT 12mm Nylon Single Wall | Size (mm) | | Burst Pressure | Working Pressure | |
|---|---|---|---|---|---|
| | O.D | I.D | | PSI | kPa |
| Code | 12 | 9 | | 275 | 1900 |
| | Length | | Colour | | |
| 14-SWM12-025 | 25m Coil | | Black | | |
| 14-SWM12-050 | 50m Coil | | Black | | |
| 14-SWM12-100 | 100m Coil | | Black | | |
| 14-SWM12-250 | 250m Reel | | Black | | |
| 14-SWM12B-100 | 100m Coil | | Blue | | |
| 14-SWM12R-100 | 100m Coil | | Red | | |

| DIN74324 DOT 14mm Nylon | Size (mm) | | Burst Pressure | Working Pressure | |
|---|---|---|---|---|---|
| | O.D | I.D | | PSI | kPa |
| Code | 14 | 10 | | 320 | 2200 |
| | Length | | Colour | | |
| 14-SWM14-025 | 25m Coil | | Black | | |
| 14-SWM14-050 | 50m Coil | | Black | | |
| 14-SWM14-100 | 100m Coil | | Black | | |

| DIN74324 DOT 15mm Nylon Single Wall | Size (mm) | | Burst Pressure | Working Pressure | |
|---|---|---|---|---|---|
| | O.D | I.D | | PSI | kPa |
| Code | 15 | 12 | | 220 | 1500 |
| | Length | | Colour | | |
| 14-SWM15-025 | 25m Coil | | Black | | |
| 14-SWM15-050 | 50m Coil | | Black | | |
| 14-SWM15-100 | 100m Coil | | Black | | |

| DIN74324 DOT 16mm Nylon Single Wall | Size (mm) | | Burst Pressure | Working Pressure | |
|---|---|---|---|---|---|
| | O.D | I.D | | PSI | kPa |
| Code | 16 | 12 | | 275 | 1900 |
| | Length | | Colour | | |
| 14-SWM16-025 | 25m Coil | | Black | | |
| 14-SWM16-050 | 50m Coil | | Black | | |
| 14-SWM16-100 | 100m Coil | | Black | | |

# NYLON AIR BRAKE TUBE - Imperial (Category 14)



Esdan Air brake tubing is manufactured from nylon (polyamide) to meet requirements of SAE J844 and DOT FMVSS 571.106 specifications. It is developed specifically for air brake applications but can also be used in a wide range of instrumentation and air systems.
Type A tubes are of single wall construction. Type B tubes have a double wall construction with a nylon core, synthetic fibre braid and a nylon cover.
It is manufactured out of heat and light stabilized nylon, has good flexibility and a wide range of operating temperatures -40°F to +200°F (-40°C to +80°C)

## J844B Braided Metric Airbrake Tube

| J844B DOT 10mm Nylon Braided | Size (mm) | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 10 | 7 | 1190 | 8200 | 150 | 1000 |
| | Length | | Colour | | | |
| 14-BRM10-025 | 25m Coil | | Black | | | |
| 14-BRM10-050 | 50m Coil | | Black | | | |
| 14-BRM10-100 | 100m Coil | | Black | | | |
| 14-BRM10B-100 | 100m Coil | | Blue | | | |
| 14-BRM10R-100 | 100m Coil | | Red | | | |

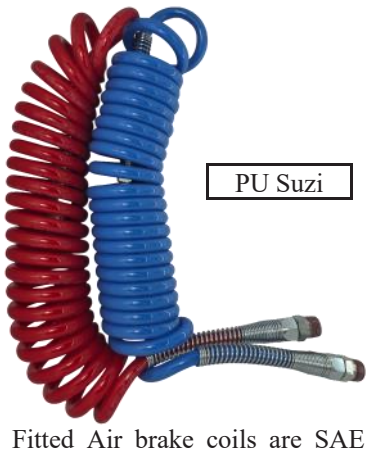
| J844B DOT 12mm Nylon | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 12 | 9 | 1000 | 6900 | 150 | 1000 |
| | Length | | Colour | | | |
| 14-BRM12-025 | 25m Coil | | Black | | | |
| 14-BRM12-050 | 50m Coil | | Black | | | |
| 14-BRM12-100 | 100m Coil | | Black | | | |
| 14-BRM12B-100 | 100m Coil | | Blue | | | |
| 14-BRM12R-100 | 100m Coil | | Red | | | |

# TRUCK COILS (Category 14)

## Suzi-Coils



Nylon Suzi



PU Suzi

| Code | Description | W/Length |
|---|---|---|
| 14-SUZI | 1/2 Red/Blue J844B Fitted Set. Short Tail | 3.0m |
| 14-SUZI-L | 1/2 Red/Blue J844BFitted Set. Long Tail | 3.7m |
| 14-SUZIPU | 12mm PU Suzi Coil Set - Short Tail | 2.9m |
| 14-SUZIPU-L | 12mm PU Suzi Coil Set - Long Tail | 3.4m |
| 14-SUZI-LB | 1/2 Unfitted J844B Blue Suzi Coil - Long Tail | 3.7m |
| 14-SUZI-LK | 1/2 Unfitted J844B Black Suzi Coil - Long Tail | 3.7m |
| 14-SUZI-LR | 1/2 Unfitted J844B Red Suzi Coil - Long Tail | 3.7m |
| 14-SUZI-SB | 1/2 Unfitted J844B Blue Suzi Coil - Short Tail | 3.0m |
| 14-SUZI-SR | 1/2 Unfitted J844B Red Suzi Coil - Short Tail | 3.0m |
| 14-SUZI END M8 | 1/2 Suzi Coil End With Short Springs | N/A |
| 14-BR06C015 | 3/8 Black J844B Coiled Tube. 15m Working Length | 15.0m |
| 14-BR06C015B | 3/8 Blue J844B Coiled Tube. 15m Working Length | 15.0m |
| 14-BR06C015R | 3/8 Red J844B Coiled Tube. 15m Working Length | 15.0m |
| 14-BR08C015 | 1/2 Black J844B Coiled Tube. 15m Working Length | 15.0m |
| 14-BR08C015B | 1/2 Blue J844B Coiled Tube. 15m Working Length | 15.0m |
| 14-BR08C015R | 1/2 Red J844B Coiled Tube. 15m Working Length | 15.0m |
| 14-BR08C020 | 1/2 Black J844B Coiled Tube. 20m Working Length | 20.0m |
| 14-BR08C020B | 30m 1/2 Blue J844B Coiled Tube. (20m W/Length) | 20.0m |
| 14-BR08C020R | 30m 1/2 Red J844B Coiled Tube. (20m W/Length) | 20.0m |

Fitted Air brake coils are SAE J844 compliant nylon tubing that is helically coiled to give a desired working length. They can be retracted to a very short length and stored out of the way when not in use. They are designed for the transfer of air between the prime mover and semi-trailer.

# TRUCK COILS (Category 14)

## Fitted Electrocoils



| Code | Description |
|---|---|
| 14-EF35-L | Fitted Electrocoil. 35 Amp. Long Tail |

15 Amp coils are 7 core polyamide coated. Wiring is 6 cores of 4mm (2mm²) cable and one 5mm (3mm²) earth cable.
Very good abrasion and sag resistance and UV protection.

Heavy Duty 35 Amp Coils are 7 core polyamide coated. Wiring is 4 x 5mm (3mm²), 2 x 6mm (5mm²) and 1 x 8AWG (8mm²). The heavy duty green jacket offers very good abrasion and sag resistance and UV protection.
Each coils extends to 4.6m (15ft).
Each coil is fitted with heavy duty 7 pin metal trailer plugs with an internal weatherproof seal and cable guard.
Amp rating per pole of 30A at 6-24 Volts continuous

## Unfitted Electrocoils



| Code | Description | W/Length |
|---|---|---|
| 14-ELEC15-L | Standard Duty 15 Amp 7 Core Electracoil Long Tail | 3.5m |
| 14-ETTEC15X10M | Light Duty 15 Amp 7 Core Electracoil 10m Long | 10.0m |

# POLYURETHANE TUBE - Imperial (Category 14)



Polyurethane tubing is lightweight, extremely flexible and ultra kink resistant. It remains flexible at low temperatures. It is UV stabilised and abrasive resistant.

The tube is manufactured under tight tolerances from as ester based, FDA approved 98A material.

Temperature Range : -20ºC to 60ºC (-4ºF to 140ºF)

## Imperial Tube Sizes

| 1/8 PU | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 1/8 | 0.062 | 720 | 4960 | 240 | 1650 |
| | Length | | Colour | | | |
| 14-PU02C-025 | 25m Coil | | Clear | | | |
| 14-PU02C-100 | 100m Coil | | Clear | | | |

| 3/16 PU | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 3/16 | 0.107 | 495 | 3410 | 165 | 1140 |
| | Length | | Colour | | | |
| 14-PU03B-020 | 20m Coil | | Black | | | |
| 14-PU03B-050 | 50m Coil | | Black | | | |
| 14-PU03B-100 | 100m Coil | | Black | | | |
| 14-PU03L-020 | 20m Coil | | Blue | | | |
| 14-PU03L-050 | 50m Coil | | Blue | | | |
| 14-PU03L-100 | 100m Coil | | Blue | | | |

| 1/4 PU | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 3/16 | 0.117 | 1200 | 8300 | 150 | 1000 |
| | Length | | Colour | | | |
| 14-PU04B-020 | 20m Coil | | Black | | | |
| 14-PU04B-050 | 50m Coil | | Black | | | |
| 14-PU04B-100 | 100m Coil | | Black | | | |
| 14-PU04C-020 | 20m Coil | | Clear | | | |
| 14-PU04C-050 | 50m Coil | | Clear | | | |
| 14-PU04C-100 | 100m Coil | | Clear | | | |
| 14-PU04L-020 | 20m Coil | | Blue | | | |
| 14-PU04L-050 | 50m Coil | | Blue | | | |
| 14-PU04L-100 | 100m Coil | | Blue | | | |
| 14-PU04R-020 | 20m Coil | | Red | | | |
| 14-PU04R-050 | 50m Coil | | Red | | | |
| 14-PU04R-100 | 100m Coil | | Red | | | |
| 14-PU04Y-020 | 20m Coil | | Yellow | | | |
| 14-PU04Y-100 | 100m Coil | | Yellow | | | |

# POLYURETHANE TUBE (Category 14)



Polyurethane tubing is lightweight, extremely flexible and ultra kink resistant. It remains flexible at low temperatures. It is UV stabilised and abrasive resistant.

The tube is manufactured under tight tolerances from as ester based, FDA approved 98A material.

Temperature Range : -20ºC to 60ºC (-4ºF to 140ºF)

## Imperial Tube Sizes

| 3/8 PU | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| | 3/8 | 0.250 | 396 | 2730 | 132 | 910 |
| Code | Length | | Colour | | | |
| 14-PU06B-020 | 20m Coil | | Black | | | |
| 14-PU06B-100 | 100m Coil | | Black | | | |
| 14-PU06C-020 | 20m Coil | | Clear | | | |
| 14-PU06C-050 | 50m Coil | | Clear | | | |
| 14-PU06C-100 | 100m Coil | | Clear | | | |
| 14-PU06L-020 | 20m Coil | | Blue | | | |
| 14-PU06L-050 | 50m Coil | | Blue | | | |
| 14-PU06L-100 | 100m Coil | | Blue | | | |
| 14-PU06R-100 | 100m Coil | | Red | | | |
| 14-PU06Y-100 | 100m Coil | | Yellow | | | |

| 1/2 PU | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| | 1/2 | 0.320 | 444 | 3060 | 148 | 1020 |
| Code | Length | | Colour | | | |
| 14-PU08B-020 | 20m Coil | | Black | | | |
| 14-PU08B-100 | 100m Coil | | Black | | | |
| 14-PU08C-020 | 20m Coil | | Clear | | | |
| 14-PU08C-100 | 100m Coil | | Clear | | | |
| 14-PU08L-020 | 20m Coil | | Blue | | | |
| 14-PU08L-100 | 100m Coil | | Blue | | | |

## Metric Tube Sizes

| 3mm PU | Size (mm) | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| | 3 | 1.8 | 570 | 3900 | 190 | 1300 |
| Code | Length | | Colour | | | |
| 14-PUM03L-020 | 20m Coil | | Blue | | | |
| 14-PUM03L-050 | 50m Coil | | Blue | | | |
| 14-PUM03L-100 | 100m Coil | | Blue | | | |

| 4mm PU | Size (mm) | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| | 4 | 2.5 | 570 | 3900 | 190 | 1300 |
| Code | Length | | Colour | | | |
| 14-PUM04B-020 | 20m Coil | | Black | | | |
| 14-PUM04B-100 | 100m Coil | | Black | | | |
| 14-PUM04C-100 | 100m Coil | | Clear | | | |
| 14-PUM04L-100 | 100m Coil | | Blue | | | |
| 14-PUM04R-100 | 100m Coil | | Red | | | |
| 14-PUM04Y-100 | 100m Coil | | Yellow | | | |

| 6mm PU | Size (mm) | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| | 6 | 4 | 480 | 3300 | 160 | 1100 |
| Code | Length | | Colour | | | |
| 14-PUM06B-020 | 20m Coil | | Black | | | |
| 14-PUM06B-050 | 50m Coil | | Black | | | |
| 14-PUM06B-100 | 100m Coil | | Black | | | |
| 14-PUM06C-020 | 20m Coil | | Clear | | | |
| 14-PUM06C-050 | 50m Coil | | Clear | | | |
| 14-PUM06C-100 | 100m Coil | | Clear | | | |
| 14-PUM06L-020 | 20m Coil | | Blue | | | |
| 14-PUM06L-050 | 50m Coil | | Blue | | | |
| 14-PUM06L-100 | 100m Coil | | Blue | | | |
| 14-PUM06R-020 | 20m Coil | | Red | | | |
| 14-PUM06R-050 | 50m Coil | | Red | | | |
| 14-PUM06R-100 | 100m Coil | | Red | | | |
| 14-PUM06G-020 | 20m Coil | | Green | | | |
| 14-PUM06G-100 | 100m Coil | | Green | | | |
| 14-PUM06Y-020 | 20m Coil | | Yellow | | | |
| 14-PUM06Y-050 | 50m Coil | | Yellow | | | |
| 14-PUM06Y-100 | 100m Coil | | Yellow | | | |

The working pressures listed for PU tube are based on an ambient temp of 23ºC. Higher temperatures will result in a reduction of pressure rating.

To calculate working pressures at various temperatures, multiply working pressure by factor given in the Adjacent table.

| Temperature | Factor |
|---|---|
| -20ºC to 20ºC | 1.00 |
| 30ºC | 0.85 |
| 40ºC | 0.70 |
| 50ºC | 0.60 |
| 60ºC | 0.50 |

# POLYURETHANE TUBE (Category 14)



Polyurethane tubing is lightweight, extremely flexible and ultra kink resistant. It remains flexible at low temperatures. It is UV stabilised and abrasive resistant.

The tube is manufactured under tight tolerances from as ester based, FDA approved 98A material.

Temperature Range : -20ºC to 60ºC (-4ºF to 140ºF)

## Metric Tube Sizes

| 8mm PU | Size (mm) | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| | 8 | 5 | 520 | 3600 | 170 | 1200 |
| Code | Length | | Colour | | | |
| 14-PUM08B-020 | 20m Coil | | Black | | | |
| 14-PUM08B-050 | 50m Coil | | Black | | | |
| 14-PUM08B-100 | 100m Coil | | Black | | | |
| 14-PUM08C-020 | 20m Coil | | Clear | | | |
| 14-PUM08C-050 | 50m Coil | | Clear | | | |
| 14-PUM08C-100 | 100m Coil | | Clear | | | |
| 14-PUM08L-020 | 20m Coil | | Blue | | | |
| 14-PUM08L-050 | 50m Coil | | Blue | | | |
| 14-PUM08L-100 | 100m Coil | | Blue | | | |
| 14-PUM08R-020 | 20m Coil | | Red | | | |
| 14-PUM08R-050 | 50m Coil | | Red | | | |
| 14-PUM08R-100 | 100m Coil | | Red | | | |
| 14-PUM08G-100 | 100m Coil | | Green | | | |
| 14-PUM08Y-020 | 20m Coil | | Yellow | | | |
| 14-PUM08Y-050 | 50m Coil | | Yellow | | | |
| 14-PUM08Y-100 | 100m Coil | | Yellow | | | |

| 10mm PU | Size (mm) | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| | 10 | 6.5 | 480 | 3300 | 160 | 1100 |
| Code | Length | | Colour | | | |
| 14-PUM10B-020 | 20m Coil | | Black | | | |
| 14-PUM10B-050 | 50m Coil | | Black | | | |
| 14-PUM10B-100 | 100m Coil | | Black | | | |
| 14-PUM10C-020 | 20m Coil | | Clear | | | |
| 14-PUM10C-050 | 50m Coil | | Clear | | | |
| 14-PUM10C-100 | 100m Coil | | Clear | | | |
| 14-PUM10L-020 | 20m Coil | | Blue | | | |
| 14-PUM10L-050 | 50m Coil | | Blue | | | |
| 14-PUM10L-100 | 100m Coil | | Blue | | | |
| 14-PUM10R-020 | 20m Coil | | Red | | | |
| 14-PUM10R-100 | 100m Coil | | Red | | | |
| 14-PUM10G-100 | 100m Coil | | Green | | | |
| 14-PUM10Y-020 | 20m Coil | | Yellow | | | |
| 14-PUM10Y-100 | 100m Coil | | Yellow | | | |

| 16mm PU | Size (mm) | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| | 16 | 11 | 440 | 3000 | 150 | 1000 |
| Code | Length | | Colour | | | |
| 14-PUM16B-050 | 50m Coil | | Black | | | |
| 14-PUM16C-020 | 20m Coil | | Clear | | | |
| 14-PUM16C-050 | 50m Coil | | Clear | | | |
| 14-PUM16L-020 | 20m Coil | | Blue | | | |
| 14-PUM16L-050 | 50m Coil | | Blue | | | |

| 12mm PU | Size (mm) | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| | 12 | 8 | 440 | 3000 | 150 | 1000 |
| Code | Length | | Colour | | | |
| 14-PUM12B-020 | 20m Coil | | Black | | | |
| 14-PUM12B-050 | 50m Coil | | Black | | | |
| 14-PUM12B-100 | 100m Coil | | Black | | | |
| 14-PUM12C-020 | 20m Coil | | Clear | | | |
| 14-PUM12C-050 | 50m Coil | | Clear | | | |
| 14-PUM12C-100 | 100m Coil | | Clear | | | |
| 14-PUM12L-020 | 20m Coil | | Blue | | | |
| 14-PUM12L-050 | 50m Coil | | Blue | | | |
| 14-PUM12L-100 | 100m Coil | | Blue | | | |
| 14-PUM12R-100 | 100m Coil | | Red | | | |
| 14-PUM12G-100 | 100m Coil | | Green | | | |
| 14-PUM12Y-100 | 100m Coil | | Yellow | | | |

## Twin Bonded Polyurethane Tubing





| | Size (mm) | | Burst Pressure | | Working Pressure | | | |
|---|---|---|---|---|---|---|---|---|
| Code | O.D. | I.D. | PSI | kPa | PSI | kPa | Length | Colours |
| 14-PUMT06BL-100 | 6 | 4 | 480 | 3300 | 160 | 1100 | 100m Coil | Black/Blue |
| 14-PUMT08BL-100 | 8 | 5 | 520 | 3600 | 170 | 1200 | 100m Coil | Black/Blue |
| 14-PUMT10BL-050 | 10 | 6.5 | 480 | 3300 | 160 | 1100 | 50m Coil | Black/Blue |

# PTFE (TEFLON) TUBE (Category 14)



- Manufactured from Virgin Polytetrafluorethylene (PTFE)
- High Operating Temperatures. (-70º to 260ºC)
- High Chemical Resistance
- Smooth Bore
- High Flexibility
- Suitable for food, chemical and medical transfer applications
- FDA Approved. PTFE Perfluorocarbon Resins meets FDA 21 CFR 177.1550
- Available in a Natural / Translucent White Colour.

## Imperial Tube Sizes

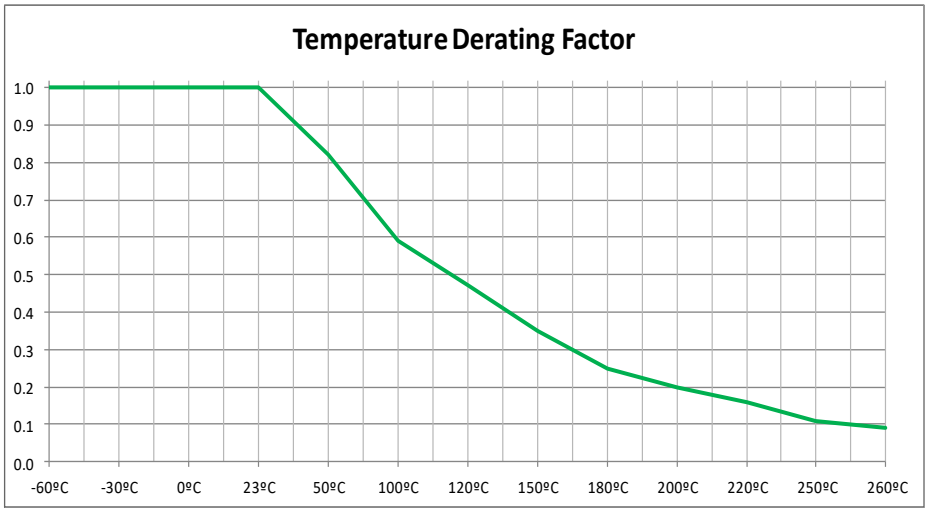
| | Size | | Burst Pressure | | Working Pressure | | Available |
|---|---|---|---|---|---|---|---|
| Code | O.D. | I.D. | PSI | kpa | PSI | kpa | Lengths |
| 14-T0201 | 1/8 (3.18mm) | 1/16 (1.59mm) | 1500 | 10335 | 375 | 2584 | 5m, 25m |
| 14-T0302 | 3/16 (4.76mm) | 1/8 (3.18mm) | 962 | 6625 | 240 | 1656 | 5m, 25m |
| 14-T0403 | 1/4 (6.35mm) | 3/16 (4.76mm) | 700 | 4823 | 175 | 1206 | 5m, 25m |
| 14-T0504 | 5/16 (7.94mm) | 1/4 (6.35mm) | 549 | 3781 | 137 | 945 | 5m, 25m |
| 14-T0604 | 3/8 (9.53mm) | 1/4 (6.35mm) | 962 | 6625 | 240 | 1656 | 5m, 25m |
| 14-T0605 | 3/8 (9.53mm) | 5/16 (7.94mm) | 451 | 3106 | 113 | 777 | 5m, 25m |
| 14-T0806 | 1/2 (12.7mm) | 3/8 (9.53mm) | 700 | 4823 | 175 | 1206 | 5m, 25m |
| 14-T1008 | 5/8 (15.88mm) | 1/2 (12.7mm) | 549 | 3781 | 137 | 945 | 5m, 25m |
| 14-T1210 | 3/4 (19.05mm) | 5/8 (15.88mm) | 451 | 3106 | 113 | 777 | 5m, 25m |

## Metric Tube Sizes

| | Size | | Burst Pressure | | Working Pressure | | Available |
|---|---|---|---|---|---|---|---|
| Code | O.D. | I.D. | PSI | kpa | PSI | kpa | Lengths |
| 14-TM0402 | 4mm (0.157) | 2mm (0.079) | 1500 | 10335 | 375 | 2584 | 5m, 25m |
| 14-TM0503 | 5mm (0.197) | 3mm (0.118) | 1176 | 8106 | 294 | 2026 | 5m, 25m |
| 14-TM0604 | 6mm (0.236) | 4mm (0.157) | 962 | 6625 | 240 | 1656 | 5m, 25m |
| 14-TM0805 | 8mm (0.315) | 5mm (0.197) | 1096 | 7548 | 274 | 1887 | 5m, 25m |
| 14-TM0806 | 8mm (0.315) | 6mm (0.236) | 700 | 4823 | 175 | 1206 | 5m, 25m |
| 14-TM1006 | 10mm (0.394) | 6mm (0.236) | 549 | 3781 | 137 | 945 | 5m, 25m |
| 14-TM1209 | 12mm (0.472) | 9mm (0.354) | 700 | 4823 | 175 | 1206 | 5m, 25m |

The working pressures listed for PTFE tube are based on an ambient temp of 23ºC. Higher temperatures will result in a reduction of pressure rating. To calculate working pressures at various temperatures, multiply working pressure by factor given in the table and graph below

| Temp | Factor |
|---|---|
| -60ºC | 1.00 |
| -30ºC | 1.00 |
| 0ºC | 1.00 |
| 23ºC | 1.00 |
| 50ºC | 0.82 |
| 100ºC | 0.59 |
| 120ºC | 0.47 |
| 150ºC | 0.35 |
| 180ºC | 0.25 |
| 200ºC | 0.20 |
| 220ºC | 0.16 |
| 250ºC | 0.11 |
| 260ºC | 0.09 |



# CLEAR SILICONE TUBE (Category 14)

## General Characteristics



- Manufactured from 100% platinum silicone elastomer.
- Environmentally friendly.
- Odourless, tasteless and non-toxic.
- Individually sealed and packaged 15 meter coils.
- **F.D.A and European Pharmacopoeia approved.**

## Physical Properties

| | |
|---|---|
| Hardness (durometer) | 60 Shore A |
| Tensile Strength | 10.8 Mpa |
| Elongation at Break | 400% |
| Tear Strength | 34 kN/m |
| Brittle Point | -82°C |
| Working Temp. Range | -50°C to + 260°C |

## Typical Applications

- Peristaltic Pumps
- Aspirating
- Suction
- Infusion
- Anaesthetic Machine Circuits
- Food Manufacturing & Processing
- Laboratory and Scientific Equipment

## Size Range

| | | | Burst Pressure | | Working Pressure | | Available |
|---|---|---|---|---|---|---|---|
| Code | O.D. | I.D. | PSI | kPa | PSI | kPa | Lengths |
| 14-SI047024 | 1.2mm (0.047") | 0.6mm (0.024") | | | | | 5m, 15m |
| 14-SI063031 | 1.6mm (1/16) | 0.8mm (1/32) | | | | | 5m, 15m |
| 14-SI087047 | 2.2mm (0.087") | 1.2mm (0.047") | | | | | 5m, 15m |
| 14-SI094063 | 2.4mm (3/32) | 1.6mm (1.16) | | | | | 5m, 15m |
| 14-SI125063 | 3.2mm (1/8) | 1.6mm (1.16) | | | | | 5m, 15m |
| 14-SI193102 | 4.9mm (0.193") | 2.6mm (0.102") | 8 | 55 | 3 | 18 | 5m, 15m |
| 14-SI250125 | 6.4mm (1.4) | 3.2mm (1/8) | 18 | 124 | 6 | 41 | 5m, 15m |
| 14-SI312188 | 7.9mm (5/16) | 4.8mm (3/16) | 22 | 152 | 7 | 51 | 5m, 15m |
| 14-SI375188 | 9.5mm (3/8) | 4.8mm (3/16) | 32 | 220 | 11 | 73 | 5m, 15m |
| 14-SI375250 | 9.5mm (3/8) | 6.4mm (1/4) | 22 | 152 | 7 | 51 | 5m, 15m |
| 14-SI437250 | 11.1mm (7/16) | 6.4mm (1/4) | 29 | 200 | 10 | 67 | 5m, 15m |
| 14-SI469281 | 11.9mm (15/32) | 7.1mm (9/32) | 34 | 234 | 11 | 78 | 5m, 15m |
| 14-SI500250 | 12.7mm (1/2) | 6.4mm (1/4) | 45 | 310 | 15 | 103 | 5m, 15m |
| 14-SI500312 | 12.7mm (1/2) | 7.9mm (5/16) | 28 | 193 | 9 | 64 | 5m, 15m |
| 14-SI563312 | 14.3mm (9/16) | 7.9mm (5/16) | 48 | 331 | 16 | 110 | 5m, 15m |
| 14-SI563375 | 14.3mm (9/16) | 9.5mm (3/8) | 21 | 145 | 7 | 48 | 5m, 15m |
| 14-SI591394 | 15.0mm (0.591") | 10.0mm (0.394") | 28 | 193 | 9 | 64 | 5m, 15m |
| 14-SI625375 | 15.9mm (5/8) | 9.5mm (3/8) | 30 | 207 | 10 | 69 | 5m, 15m |
| 14-SI688500 | 17.5mm (11/16) | 12.7mm (1/2) | 16 | 110 | 5 | 37 | 5m, 15m |
| 14-SI750500 | 19.1mm (3/4) | 12.7mm (1/2) | 30 | 207 | 10 | 69 | 5m, 15m |
| 14-SI875625 | 22.2mm (7/8) | 15.9mm (5/8) | 25 | 172 | 8 | 57 | 5m, 15m |

# POLYETHYLENE TUBE (LDPE) (Category 14)



Esdan LDPE is ideal for transfer of air & liquids in industrial appliances. It is chemically inert and has excellent resistance to most solvents. LDPE has a wide range of uses in industry, agriculture, chemical plants and paper mills. It provides good resistance to most chemicals. It has an operating temperature range of up to 60°C . LDPE is recommended for pneumatic control installations and low pressure hydraulics where a low cost, flexible connection is required. Esdan LDPE offers sturdy performance. It is lightweight and flexible. LDPE is available in a wide range of colours. All colours other than Yellow are Food Contact to AS 2070

## Imperial Tube Sizes

| 3/16 LDPE | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 3/16 | 0.124 | 480 | 3307 | 120 | 827 |
| | Length | | | | Colour | |
| 14-PE03-100 | 100m Coil | | | | Black | |
| 14-PE03N-100 | 100m Coil | | | | Natural | |

| 1/4 LDPE | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 1/4 | 0.166 | 480 | 3307 | 120 | 827 |
| | Length | | | | Colour | |
| 14-PE04-100 | 100m Coil | | | | Black | |
| 14-PE04N-100 | 100m Coil | | | | Natural | |
| 14-PE04B-100 | 100m Coil | | | | Blue | |
| 14-PE04R-100 | 100m Coil | | | | Red | |

| 5/16 LDPE | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 5/16 | 0.208 | 480 | 3307 | 120 | 827 |
| | Length | | | | Colour | |
| 14-PE05-100 | 100m Coil | | | | Black | |

| 3/8 LDPE | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 3/8 | 0.250 | 480 | 3307 | 120 | 827 |
| | Length | | | | Colour | |
| 14-PE06-100 | 100m Coil | | | | Black | |
| 14-PE06-200 | 200m Reel | | | | Black | |
| 14-PE06N-100 | 100m Coil | | | | Natural | |
| 14-PE06B-100 | 100m Coil | | | | Blue | |

| 1/2 LDPE | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 1/2 | 0.333 | 480 | 3307 | 120 | 827 |
| | Length | | | | Colour | |
| 14-PE08-100 | 100m Coil | | | | Black | |
| 14-PE08N-100 | 100m Coil | | | | Natural | |
| 14-PE08B-076 | 76.2m Coil | | | | Blue | |

| 5/8 LDPE | Size | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 5/8 | 0.500 | 480 | 3307 | 120 | 827 |
| | Length | | | | Colour | |
| 14-PE10-100 | 100m Coil | | | | Black | |
| 14-PE10N-100 | 100m Coil | | | | Natural | |

## Metric Tube Sizes

| 4mm LDPE | Size (mm) | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 4 | 2.6 | 464 | 3200 | 116 | 800 |
| | Length | | | | Colour | |
| 14-PEM04-100 | 100m Coil | | | | Black | |
| 14-PEM04N-100 | 100m Coil | | | | Natural | |
| 14-PEM04B-100 | 100m Coil | | | | Blue | |

| 6mm LDPE | Size (mm) | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 6 | 4 | 464 | 3200 | 116 | 800 |
| | Length | | | | Colour | |
| 14-PEM06-100 | 100m Coil | | | | Black | |
| 14-PEM06N-100 | 100m Coil | | | | Natural | |
| 14-PEM06B-100 | 100m Coil | | | | Blue | |
| 14-PEM06R-100 | 100m Coil | | | | Red | |

# POLYETHYLENE TUBE (LDPE) (Category 14)



Esdan LDPE is ideal for transfer of air & liquids in industrial appliances. It is chemically inert and has excellent resistance to most solvents. LDPE has a wide range of uses in industry, agriculture, chemical plants and paper mills. It provides good resistance to most chemicals. It has an operating temperature range of up to 60°C . LDPE is recommended for pneumatic control installations and low pressure hydraulics where a low cost, flexible connection is required. Esdan LDPE offers sturdy performance. It is lightweight and flexible. LDPE is available in a wide range of colours. All colours other than Yellow are Food Contact to AS 2070

## Metric Tube Sizes

| 8mm LDPE | Size (mm) | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 8 | 5.3 | 464 | 3200 | 116 | 800 |
| | Length | | Colour | | | |
| 14-PEM08-100 | 100m Coil | | Black | | | |
| 14-PEM08N-100 | 100m Coil | | Natural | | | |
| 14-PEM08B-100 | 100m Coil | | Blue | | | |
| 14-PEM08R-100 | 100m Coil | | Red | | | |
| 14-PEM08Y-100 | 100m Coil | | Yellow | | | |

| 10mm LDPE | Size (mm) | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 10 | 6.6 | 464 | 3200 | 116 | 800 |
| | Length | | Colour | | | |
| 14-PEM10-100 | 100m Coil | | Black | | | |
| 14-PEM10N-100 | 100m Coil | | Natural | | | |
| 14-PEM10B-100 | 100m Coil | | Blue | | | |
| 14-PEM10G-100 | 100m Coil | | Green | | | |

| 12mm LDPE | Size (mm) | | Burst Pressure | | Working Pressure | |
|---|---|---|---|---|---|---|
| | O.D. | I.D. | PSI | kPa | PSI | kPa |
| Code | 10 | 6.6 | 464 | 3200 | 116 | 800 |
| | Length | | Colour | | | |
| 14-PEM12-100 | 100m Coil | | Black | | | |
| 14-PEM12N-100 | 100m Coil | | Natural | | | |
| 14-PEM12B-100 | 100m Coil | | Blue | | | |
| 14-PEM12R-100 | 100m Coil | | Red | | | |



**Standard Push-In Fittings available. Refer to Category 20**

## Other Products Available

- Brass Screwed Fittings in BSP, NPT and other threads
- Brass Internal Compression Fittings
- Stainless Steel Compression Fittings
- Acetal Compression Fittings
- Brass SAE Flare Fittings
- Brass Inverted Flare fittings
- Stainless Steel Hydraulic Fittings
- Brass and Copper Capillary Fittings
- NTA , Westinghouse and PBR Style Airbrake Fittings
- Nickel Plated Brass Push-In Fittings
- All Plastic Push-In Fittings
- Stainless Steel Push-In Fittings
- D.O.T. Approved Push-In Fittings
- Barbed Airline Fitting
- Camlocks and Claw Couplers
- Quick Disconnect Couplers - Nitto, Ryco, Jamec, Inteva, Tefen, TEMA and many more
- Ball, Needle, Check and Gate Valves
- Pressure and Vacuum Gauges
- Copper, Bundy and Stainless Tube
- Tube Cutters and Flaring Tools
- PVC and Rubber Hose
- Retractable and Manual Hose Reels
- Filter Regulators and Lubricators
- Grease Nipples and Lubrication Equipment
- Hose Clamps in many styles
- Cable Ties and Plastic Spiral Wrap
- Thread Sealants and Teflon Tape