

HEAT SHRINKABLE POLYOLEFIN

SEMI-RIGID • THIN-WALL • 2:1



The semi-rigid characteristics of **HRX** make it ideal for strain relief applications and for protection of delicate components. Compared to HIX, it has enhanced gripping power and a higher tensile strength.

Longitudinal shrinkage of **HRX** is typically less than 6%.

Applicable Specifications: SAE-AMS-DTL-23053/6, Class 1 & 2
 UL File Number: E52612 (Except Clear)
 Operating Temperature Range: -67°F (-55°C) to 275°F (135°C)
 Shrink Ratio: 2 to 1
 Shrink Temperature: 275°F (135°C)
 Recommended Heat Gun: 500°F (260°C)
 Standard Colors: Type 1 (Flame Retardant) - Black
 Type 2 (Non Flame-Retardant) - Clear
 Standard Shipping Length: 4-foot or 6-inch lengths

| Catalog Number Size | Catalog Number Size (6" pcs.) | Minimum Expanded I.D. | | Maximum Recovered I.D. | | Recovered Wall Thickness | | Std. 4-ft Lengths ft / pkg | Std. 6-in Lengths pcs / pkg |
|---------------------|-------------------------------|-----------------------|-------|------------------------|------|--------------------------|------|----------------------------|-----------------------------|
| | | inches | mm | inches | mm | inches | mm | | |
| HRX-3/64 | HRX6-3/64 | 0.046 | 1.17 | 0.023 | 0.58 | 0.020 | 0.50 | 100, 200 | 40 |
| HRX-1/16 | HRX6-1/16 | 0.063 | 1.60 | 0.031 | 0.79 | 0.020 | 0.50 | 100, 200 | 36 |
| HRX-3/32 | HRX6-3/32 | 0.093 | 2.36 | 0.046 | 1.17 | 0.020 | 0.50 | 100, 200 | 32 |
| HRX-1/8 | HRX6-1/8 | 0.125 | 3.18 | 0.063 | 1.60 | 0.020 | 0.50 | 100, 200 | 28 |
| HRX-3/16 | HRX6-3/16 | 0.188 | 4.76 | 0.093 | 2.36 | 0.025 | 0.63 | 100, 200 | 24 |
| HRX-1/4 | HRX6-1/4 | 0.250 | 6.35 | 0.125 | 3.18 | 0.025 | 0.63 | 100 | 20 |
| HRX-3/8 | HRX6-3/8 | 0.375 | 9.53 | 0.188 | 4.76 | 0.030 | 0.76 | 100 | 16 |
| HRX-1/2 | HRX6-1/2 | 0.500 | 12.70 | 0.250 | 6.35 | 0.030 | 0.76 | 20, 100 | 14 |

HEAT SHRINKABLE POLYOLEFIN

FLEXIBLE • THIN-WALL • 4:1



H4X is an overexpanded general purpose cross-linked Polyolefin tubing with a 4X expansion ratio. It was developed for a wide range of applications where larger expansions are required, such as harness repair. The high expansion of **H4X** tubing eliminates the need to remove connectors or large transitions and allows for easier harness assembly or repair. This heat-shrinkable, flexible, flame-retardant tubing is also compatible with most adhesives to provide a complete environmental seal.

Applicable Specifications: SAE-AMS-DTL-23053/5, Class 1 Overexpanded
 UL File Number: E52612
 Operating Temperature Range: -67°F (-55°C) to 275°F (135°C)
 Shrink Ratio: 4 to 1
 Shrink Temperature: 250°F (121°C)
 Recommended Heat Gun: 500°F (260°C)
 Standard Colors: Black
 Standard Shipping Length: Spooled or 4-Foot lengths

| Catalog Number Size | Minimum Expanded I.D. | | Maximum Recovered I.D. | | Recovered Wall Thickness | | Std. 4-ft Lengths ft / pkg | Std. Spools ft / spool |
|---------------------|-----------------------|--------|------------------------|-------|--------------------------|------|----------------------------|------------------------|
| | inches | mm | inches | mm | inches | mm | | |
| H4X-3/4 (#11) | 0.750 | 19.05 | 0.180 | 4.57 | 0.045 | 0.14 | 100, 200 | 100, 200 |
| H4X-1" (#1) | 1.000 | 25.40 | 0.275 | 6.99 | 0.045 | 0.14 | 100, 200 | 100, 200 |
| H4X-1" (#5) | 1.000 | 25.40 | 0.462 | 11.73 | 0.045 | 0.14 | 100, 200 | 100, 200 |
| H4X-1-1/2 (#10) | 1.500 | 38.10 | 0.375 | 9.53 | 0.045 | 0.14 | 100, 200 | 100, 200 |
| H4X-2" (#2) | 2.000 | 50.80 | 0.550 | 13.97 | 0.045 | 0.14 | 100, 200 | 100, 200 |
| H4X-2-3/8 (#6) | 2.375 | 60.33 | 0.680 | 17.27 | 0.045 | 0.14 | 100, 200 | 100, 200 |
| H4X-3" (#3) | 3.000 | 76.20 | 0.810 | 20.57 | 0.045 | 0.14 | 100 | 100 |
| H4X-3" (#7) | 3.000 | 76.20 | 0.840 | 21.34 | 0.045 | 0.14 | 100 | 100 |
| H4X-3-3/4 (#8) | 3.750 | 95.25 | 0.930 | 23.62 | 0.045 | 0.14 | 100 | 100 |
| H4X-4" (#4) | 4.000 | 101.60 | 1.050 | 26.67 | 0.045 | 0.14 | 100 | 100 |
| H4X-4-1/2 (#9) | 4.500 | 114.30 | 1.450 | 36.83 | 0.045 | 0.14 | 100 | 100 |