



RANDOLPH AUSTIN COMPANY

Ed-Plex™

Ed-Plex™ is a multi-purpose tubing ideally suited for applications ranging from transferring ink, paint and acids and bases. **Ed-Plex™** combines the environmental resistance of EPDM rubber with the chemical resistance of polypropylene and possesses similar elastomeric performance found in more costly vulcanized rubber compounds. **Ed-Plex™** is a proven performer in peristaltic pump applications where continuous flexing is required. **Ed-Plex™** is stocked in 25, 50, and 250-foot lengths. Custom lengths, sizes, durometers, and lengths can be made on request.

Agency Ratings

- ULQMFZ2
- ULQMFZ8
- RoHs Compliant

| Property | Test Method | Typical Values |
|--------------------------------|-------------|----------------|
| Specific Gravity | ASTM D792 | .970 |
| Ultimate Tensile (psi) | ASTM D412 | 938 |
| Ultimate Elongation | ASTM D412 | 450% |
| 100% Modulus (psi) | ASTM D412 | 410 |
| Hardness Shore "A" | ISO 868 | 70 |
| Compression Set 158 F°, 22 Hr. | ASTM D395B | 25% |
| Brittleness Temperature (F°) | ASTM D746 | -76° |
| Recommended Working Temp. (F°) | - | -40° to 190° |

Randolph Austin Company • 2119 FM 1626 • Manchaca, TX 78652 • Tel. 512-282-1590

T-Alimen™ is a trademark of Randolph Austin Company • File Name T-Alimen_091018



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Available Stock Sizes

| Catalog No. | I.D. | O.D. | Wall | Pump | Grams / Foot | Burst PSI** |
|-------------|-------|--------|-------|-----------------------|--------------|-------------|
| ED030015 | .031" | .156" | .063" | | 4.3 | |
| ED006018 | .063" | .188" | .063" | 250 | 4.7 | |
| ED006021 | .063" | .218" | .078" | | 6.5 | |
| ED012025 | .125" | .250" | .063" | 250 | 7.0 | |
| ED012037 | .125" | .375" | .125" | | 18.2 | |
| ED018031 | .188" | .312" | .063" | | 9.4 | |
| ED018037 | .188" | .375" | .094" | 500 | 15.8 | 125.5** |
| ED025037 | .250" | .375" | .063" | | 11.7 | |
| ED025043 | .250" | .438" | .094" | 300 / 400 / 500 | 19.3 | 92.1** |
| ED025050 | .250" | .500" | .125" | | 28.1 | |
| ED031043 | .313" | .438" | .063" | | 14.0 | |
| ED031050 | .313" | .500" | .063" | | 22.8 | |
| ED037050 | .375" | .500" | .063" | | 16.4 | |
| ED037056* | .375" | .563" | .094" | | 26.3 | |
| ED037062 | .375" | .625" | .125" | 610 / 615 / 620 / 630 | 37.5 | 87.66** |
| ED037075 | .375" | .750" | .188" | | 63.2 | |
| ED037087 | .375" | .875" | .250" | | 93.6 | |
| ED043056* | .438" | .563" | .063" | | 18.7 | |
| ED050062 | .500" | .625" | .063" | | 21.1 | |
| ED050068* | .500" | .688" | .094" | | 30.8 | |
| ED050075 | .500" | .750" | .125" | 610 / 615 / 620 / 630 | 46.8 | 70.5** |
| ED050087 | .500" | .875" | .188" | 780 / 782 / 783 | 77.3 | |
| ED062081* | .625" | .813" | .094" | | 40.4 | |
| ED062087 | .625" | .875" | .125" | | 56.2 | |
| ED062093 | .625" | .938" | .156" | 750 / 780 / 782 / 783 | 73.2 | 66.08** |
| ED062100 | .625" | 1.00" | .188" | 780 / 782 / 783 | 91.3 | 75.46** |
| ED075100 | .750" | 1.00" | .125" | | 65.6 | |
| ED075106 | .750" | 1.063" | .156" | 750 / 780 / 782 / 783 | 85.0 | 59.14** |
| ED075112 | .750" | 1.125" | .188" | 780 / 782 / 783 | 105.4 | 69.63** |
| ED075125 | .750" | 1.250" | .250" | 880 | 150.0 | |
| ED100125 | 1.00" | 1.250" | .125" | | 84.3 | |
| ED100137 | 1.00" | 1.375" | .188" | | 133.5 | |
| ED100150 | 1.00" | 1.500" | .250" | 880 | 187.3 | |

*Indicates tubing that is not held in stock. Minimums may apply. Please inquire regarding availability.

** Working Pressure for tubing must consider the temperature, working conditions and fluid being transferred. Burst pressure values are provided as a guide to customers and no guarantee is implied or given.

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