

Flexible RoHS FEP Insulation- Shield- RoHS TPE jacket

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|------------------------|------------------|------------|---------------------|---------------------|-----------------------|----------------------|--------------|
| color code: | Black | Red | Green | White | yellow | Blue | or Custom |
| 90 % Tin Plated Shield | | Jacket | Grey | | Or Black | Max Temp Rating 135C | |
| Voltage Rating 600VAC | | | | | | | |
| | Specific Gravity | Temp. | Dielectric Constant | Volt Break Per Mil. | Flexibility | Abrassion | Gasoline |
| Teflon ® (FEP) | 2.2 | -70°- 200° | 2.1 | 600 | Fair | Excellent | Excellent |
| | AWG | Strands | Uninsulated | Insulated | Diameter | Overall | Weight |
| PART NUMBER | Size | No./Size | Conductor Diameter | Conductor Diameter | Over Shield (Nominal) | Diameter (Nominal) | (lbs./M Ft.) |
| ONE CONDUCTOR | | | | | | | |
| 1-FEP-20105-S-TPE | 20 | 105/40 | 0.039 | 0.054 | 0.068 | 0.092 | 8.5 |
| 1-FEP-2265-S-TPE | 22 | 65/40 | 0.031 | 0.04 | 0.054 | 0.074 | 5.5 |
| 1-FEP-2441-S-TPE | 24 | 41/40 | 0.023 | 0.031 | 0.045 | 0.065 | 4.1 |
| 1-FEP-2666-S-TPE | 26 | 66/44 | 0.019 | 0.024 | 0.038 | 0.058 | 3 |
| 1-FEP-2841-S-TPE | 28 | 41/44 | 0.015 | 0.02 | 0.034 | 0.054 | 2.4 |
| 1-FEP-2951-S-TPE | 29 | 51/46 | 0.014 | 0.019 | 0.033 | 0.053 | 2.2 |
| 1-FEP-3041-S-TPE | 30 | 41/46 | 0.012 | 0.017 | 0.031 | 0.051 | 2.1 |
| TWO CONDUCTOR | | | | | | | |
| 2-FEP-20105-S-TPE | 20 | 105/40 | 0.039 | 0.054 | 0.116 | 0.146 | 16.5 |
| 2-FEP-2265-S-TPE | 22 | 65/40 | 0.031 | 0.04 | 0.09 | 0.12 | 10.9 |
| 2-FEP-2441-S-TPE | 24 | 41/40 | 0.023 | 0.031 | 0.073 | 0.103 | 7.8 |
| 2-FEP-2666-S-TPE | 26 | 66/44 | 0.019 | 0.024 | 0.059 | 0.079 | 5.1 |
| 2-FEP-2841-S-TPE | 28 | 41/44 | 0.015 | 0.02 | 0.052 | 0.072 | 4 |
| 2-FEP-2951-S-TPE | 29 | 51/46 | 0.014 | 0.019 | 0.05 | 0.07 | 3.6 |
| 2-FEP-3041-S-TPE | 30 | 41/46 | 0.012 | 0.017 | 0.046 | 0.066 | 3.3 |
| THREE CONDUCTOR | | | | | | | |
| 3-FEP-20105-S-TPE | 20 | 105/40 | 0.039 | 0.054 | 0.13 | 0.16 | 22.2 |
| 3-FEP-2265-S-TPE | 22 | 65/40 | 0.031 | 0.04 | 0.1 | 0.13 | 14.4 |
| 3-FEP-2441-S-TPE | 24 | 41/40 | 0.023 | 0.031 | 0.081 | 0.111 | 10.1 |
| 3-FEP-2666-S-TPE | 26 | 66/44 | 0.019 | 0.024 | 0.065 | 0.089 | 6.8 |
| 3-FEP-2841-S-TPE | 28 | 41/44 | 0.015 | 0.02 | 0.057 | 0.081 | 5.2 |
| 3-FEP-2951-S-TPE | 29 | 51/46 | 0.014 | 0.019 | 0.055 | 0.075 | 4.5 |
| 3-FEP-3041-S-TPE | 30 | 41/46 | 0.012 | 0.017 | 0.05 | 0.07 | 3.9 |
| FOUR CONDUCTOR | | | | | | | |
| 4-FEP-20105-S-TPE | 20 | 105/40 | 0.039 | 0.054 | 0.144 | 0.174 | 28.2 |
| 4-FEP-2265-S-TPE | 22 | 65/40 | 0.031 | 0.04 | 0.11 | 0.14 | 18 |
| 4-FEP-2441-S-TPE | 24 | 41/40 | 0.023 | 0.031 | 0.088 | 0.112 | 12.1 |
| 4-FEP-2666-S-TPE | 26 | 66/44 | 0.019 | 0.024 | 0.072 | 0.096 | 8.4 |
| 4-FEP-2841-S-TPE | 28 | 41/44 | 0.015 | 0.02 | 0.062 | 0.082 | 6.1 |
| 4-FEP-2951-S-TPE | 29 | 51/46 | 0.014 | 0.019 | 0.06 | 0.08 | 5.5 |
| 4-FEP-3041-S-TPE | 30 | 41/46 | 0.012 | 0.017 | 0.055 | 0.075 | 4.8 |

