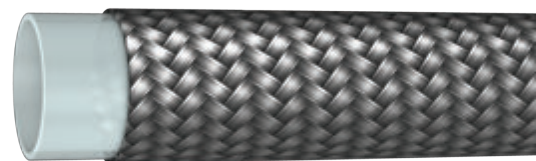


## PH179 - R14

Applicable Standard: SAE J517 - 100R14



### Construction

**Core** Sintered tube of polytetrafluoroethylene (P.T.F.E)

**Reinforcement** Single braid of 304 series of stainless steel wire

**Application** P.T.F.E hose has an excellent temperature characteristics both in high and low temperature, Excellent chemical resistance, non contamination properties, low coefficient of friction and resists deterioration. Therefore the hose is used generally in applications where all or one of the above properties is the main criteria

Note: Double braided available for higher performance, please check our part # PH381

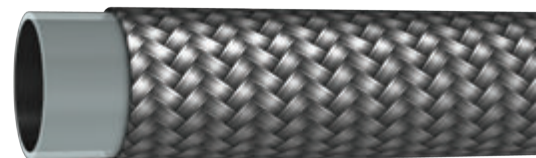
| Item Code | Dash Size | WT   | ID    |       | OD    |      | WP    |     | BP     |     | BR/r |     | W   |
|-----------|-----------|------|-------|-------|-------|------|-------|-----|--------|-----|------|-----|-----|
|           |           |      | inch  | mm    | inch  | mm   | psi   | bar | psi    | bar | inch | mm  | g/m |
| PH179-3   | -3        | 1.00 | 1/8   | 3.35  | 0.252 | 6.4  | 3,260 | 225 | 13,040 | 900 | 1.6  | 40  | 65  |
| PH179-4   | -4        | 0.75 | 3/16  | 4.83  | 0.300 | 7.6  | 3,000 | 210 | 12,000 | 840 | 2.0  | 50  | 84  |
| PH179-5   | -5        | 0.65 | 1/4   | 6.48  | 0.380 | 9.7  | 3,000 | 210 | 12,000 | 840 | 3.0  | 75  | 121 |
| PH179-6   | -6        | 0.75 | 5/16  | 8.00  | 0.440 | 11.2 | 2,500 | 175 | 10,000 | 700 | 4.0  | 100 | 163 |
| PH179-7   | -7        | 0.75 | 3/8   | 9.65  | 0.495 | 12.6 | 2,400 | 165 | 9,600  | 660 | 5.0  | 125 | 170 |
| PH179-8   | -8        | 0.75 | 13/32 | 10.41 | 0.543 | 13.8 | 2,000 | 140 | 8,000  | 560 | 5.3  | 135 | 185 |
| PH179-10  | -10       | 0.75 | 1/2   | 12.83 | 0.650 | 16.5 | 1,750 | 120 | 7,000  | 480 | 6.5  | 165 | 234 |
| PH179-12  | -12       | 0.90 | 5/8   | 16.00 | 0.780 | 19.8 | 1,270 | 88  | 5,080  | 352 | 8.0  | 200 | 318 |
| PH179-14  | -14       | 0.90 | 3/4   | 19.18 | 0.900 | 22.9 | 1,100 | 75  | 4,400  | 300 | 9.1  | 230 | 395 |
| PH179-16  | -16       | 1.00 | 7/8   | 22.23 | 1.030 | 26.2 | 900   | 62  | 3,600  | 248 | 9.1  | 230 | 462 |
| PH179-18  | -18       | 1.05 | 1     | 25.53 | 1.160 | 29.5 | 900   | 62  | 3,600  | 248 | 11.8 | 300 | 528 |
| PH179-20  | -20       | 1.20 | 1.1/8 | 28.58 | 1.300 | 33.0 | 630   | 44  | 2,520  | 176 | 16.1 | 410 | 585 |



Temperature Range: Continuous: -54°C to +260°C

## PH311- (ELECTRICAL CONDUCTIVE) - R14

Applicable Standard: SAE J517 - 100R14



### Construction

**Core** Sintered tube of polytetrafluoroethylene (P.T.F.E) (Electrical Conductive)

**Reinforcement** Single braid of 304 series of stainless steel wire

**Application** P.T.F.E hose has an excellent temperature characteristics both in high and low temperature, Excellent chemical resistance, non contamination properties, low coefficient of friction and resists deterioration. Therefore the hose is used generally in applications where all or one of the above properties is the main criteria

Note: Double braided available for higher performance, please check our part # PH383

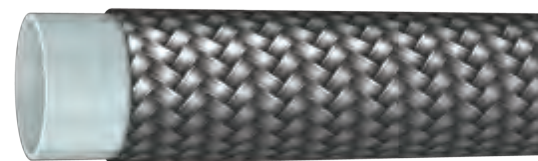
| Item Code | Dash Size | WT   | ID    |       | OD    |      | WP    |     | BP     |     | BR/r |     | W   |
|-----------|-----------|------|-------|-------|-------|------|-------|-----|--------|-----|------|-----|-----|
|           |           |      | inch  | mm    | inch  | mm   | psi   | bar | psi    | bar | inch | mm  | g/m |
| PH311-3   | -3        | 1.00 | 1/8   | 3.35  | 0.252 | 6.4  | 3,260 | 225 | 13,040 | 900 | 1.6  | 40  | 65  |
| PH311-4   | -4        | 0.75 | 3/16  | 4.83  | 0.300 | 7.6  | 3,000 | 210 | 12,000 | 840 | 2.0  | 50  | 84  |
| PH311-5   | -5        | 0.65 | 1/4   | 6.48  | 0.380 | 9.7  | 3,000 | 210 | 12,000 | 840 | 3.0  | 75  | 121 |
| PH311-6   | -6        | 0.75 | 5/16  | 8.00  | 0.440 | 11.2 | 2,500 | 175 | 10,000 | 700 | 4.0  | 100 | 163 |
| PH311-7   | -7        | 0.75 | 3/8   | 9.65  | 0.495 | 12.6 | 2,400 | 165 | 9,600  | 660 | 5.0  | 125 | 170 |
| PH311-8   | -8        | 0.75 | 13/32 | 10.41 | 0.543 | 13.8 | 2,000 | 140 | 8,000  | 560 | 5.3  | 135 | 185 |
| PH311-10  | -10       | 0.75 | 1/2   | 12.83 | 0.650 | 16.5 | 1,750 | 120 | 7,000  | 480 | 6.5  | 165 | 234 |
| PH311-12  | -12       | 0.90 | 5/8   | 16.00 | 0.780 | 19.8 | 1,270 | 88  | 5,080  | 352 | 8.0  | 200 | 318 |
| PH311-14  | -14       | 0.90 | 3/4   | 19.18 | 0.900 | 22.9 | 1,100 | 75  | 4,400  | 300 | 9.1  | 230 | 395 |
| PH311-16  | -16       | 1.00 | 7/8   | 22.23 | 1.030 | 26.2 | 900   | 62  | 3,600  | 248 | 9.1  | 230 | 462 |
| PH311-18  | -18       | 1.05 | 1     | 25.53 | 1.160 | 29.5 | 900   | 62  | 3,600  | 248 | 11.8 | 300 | 528 |
| PH311-20  | -20       | 1.20 | 1.1/8 | 28.58 | 1.300 | 33.0 | 630   | 44  | 2,520  | 176 | 16.1 | 410 | 585 |



Temperature Range: Continuous: -54°C to +260°C

## EF 179 - R14

Applicable Standard: SAE J517 - 100R14



### Construction

**Core** Sintered tube of polytetrafluoroethylene (P.T.F.E)

**Reinforcement** Single braid of 304 series of stainless steel wire

**Application** P.T.F.E hose has an excellent temperature characteristics both in high and low temperature, Excellent chemical resistance, non contamination properties, low coefficient of friction and resists deterioration. Therefore the hose is used generally in applications where all or one of the above properties is the main criteria

**Note: Double braided available for higher performance, please check our part # EF381**

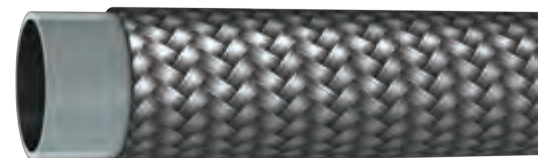
| Item Code | Dash Size | WT   | ID    |       | OD    |      | WP    |     | BP     |     | BR/r |     | W   |
|-----------|-----------|------|-------|-------|-------|------|-------|-----|--------|-----|------|-----|-----|
|           |           |      | inch  | mm    | inch  | mm   | psi   | bar | psi    | bar | inch | mm  | g/m |
| EF179-3   | -3        | 1.00 | 1/8   | 3.35  | 0.252 | 6.4  | 3,260 | 225 | 13,040 | 900 | 1.6  | 40  | 65  |
| EF179-4   | -4        | 0.75 | 3/16  | 4.83  | 0.300 | 7.6  | 3,000 | 210 | 12,000 | 840 | 2.0  | 50  | 84  |
| EF179-5   | -5        | 0.65 | 1/4   | 6.48  | 0.380 | 9.7  | 3,000 | 210 | 12,000 | 840 | 3.0  | 75  | 121 |
| EF179-6   | -6        | 0.75 | 5/16  | 8.00  | 0.440 | 11.2 | 2,500 | 175 | 10,000 | 700 | 4.0  | 100 | 163 |
| EF179-7   | -7        | 0.75 | 3/8   | 9.65  | 0.495 | 12.6 | 2,400 | 165 | 9,600  | 660 | 5.0  | 125 | 170 |
| EF179-8   | -8        | 0.75 | 13/32 | 10.41 | 0.543 | 13.8 | 2,000 | 140 | 8,000  | 560 | 5.3  | 135 | 185 |
| EF179-10  | -10       | 0.75 | 1/2   | 12.83 | 0.650 | 16.5 | 1,750 | 120 | 7,000  | 480 | 6.5  | 165 | 234 |
| EF179-12  | -12       | 0.90 | 5/8   | 16.00 | 0.780 | 19.8 | 1,270 | 88  | 5,080  | 352 | 8.0  | 200 | 318 |
| EF179-14  | -14       | 0.90 | 3/4   | 19.18 | 0.900 | 22.9 | 1,100 | 75  | 4,400  | 300 | 9.1  | 230 | 395 |
| EF179-16  | -16       | 1.00 | 7/8   | 22.23 | 1.030 | 26.2 | 900   | 62  | 3,600  | 248 | 9.1  | 230 | 462 |
| EF179-18  | -18       | 1.05 | 1     | 25.53 | 1.160 | 29.5 | 900   | 62  | 3,600  | 248 | 11.8 | 300 | 528 |
| EF179-20  | -20       | 1.20 | 1.1/8 | 28.58 | 1.300 | 33.0 | 630   | 44  | 2,520  | 176 | 16.1 | 410 | 585 |



**Temperature Range:** Continuous: -54°C to +260°C

## EF 311- (ELECTRICAL CONDUCTIVE) - R14

Applicable Standard: SAE J517 - 100R14



### Construction

**Core** Sintered tube of polytetrafluoroethylene (P.T.F.E) (Electrical Conductive)

**Reinforcement** Single braid of 304 series of stainless steel wire

**Application** P.T.F.E hose has an excellent temperature characteristics both in high and low temperature, Excellent chemical resistance, non contamination properties, low coefficient of friction and resists deterioration. Therefore the hose is used generally in applications where all or one of the above properties is the main criteria

**Note: Double braided available for higher performance, please check our part # EF383**

| Item Code | Dash Size | WT   | ID    |       | OD    |      | WP    |     | BP     |     | BR/r |     | W   |
|-----------|-----------|------|-------|-------|-------|------|-------|-----|--------|-----|------|-----|-----|
|           |           |      | inch  | mm    | inch  | mm   | psi   | bar | psi    | bar | inch | mm  | g/m |
| EF311-3   | -3        | 1.00 | 1/8   | 3.35  | 0.252 | 6.4  | 3,260 | 225 | 13,040 | 900 | 1.6  | 40  | 65  |
| EF311-4   | -4        | 0.75 | 3/16  | 4.83  | 0.300 | 7.6  | 3,000 | 210 | 12,000 | 840 | 2.0  | 50  | 84  |
| EF311-5   | -5        | 0.65 | 1/4   | 6.48  | 0.380 | 9.7  | 3,000 | 210 | 12,000 | 840 | 3.0  | 75  | 121 |
| EF311-6   | -6        | 0.75 | 5/16  | 8.00  | 0.440 | 11.2 | 2,500 | 175 | 10,000 | 700 | 4.0  | 100 | 163 |
| EF311-7   | -7        | 0.75 | 3/8   | 9.65  | 0.495 | 12.6 | 2,400 | 165 | 9,600  | 660 | 5.0  | 125 | 170 |
| EF311-8   | -8        | 0.75 | 13/32 | 10.41 | 0.543 | 13.8 | 2,000 | 140 | 8,000  | 560 | 5.3  | 135 | 185 |
| EF311-10  | -10       | 0.75 | 1/2   | 12.83 | 0.650 | 16.5 | 1,750 | 120 | 7,000  | 480 | 6.5  | 165 | 234 |
| EF311-12  | -12       | 0.90 | 5/8   | 16.00 | 0.780 | 19.8 | 1,270 | 88  | 5,080  | 352 | 8.0  | 200 | 318 |
| EF311-14  | -14       | 0.90 | 3/4   | 19.18 | 0.900 | 22.9 | 1,100 | 75  | 4,400  | 300 | 9.1  | 230 | 395 |
| EF311-16  | -16       | 1.00 | 7/8   | 22.23 | 1.030 | 26.2 | 900   | 62  | 3,600  | 248 | 9.1  | 230 | 462 |
| EF311-18  | -18       | 1.05 | 1     | 25.53 | 1.160 | 29.5 | 900   | 62  | 3,600  | 248 | 11.8 | 300 | 528 |
| EF311-20  | -20       | 1.20 | 1.1/8 | 28.58 | 1.300 | 33.0 | 630   | 44  | 2,520  | 176 | 16.1 | 410 | 585 |



**Temperature Range:** Continuous: -54°C to +260°C