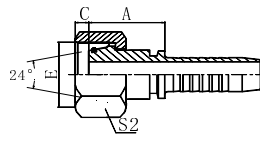


20411-W
20412-W



20411-T
20412-T

METRIC FEMALE 24° CONE O-RING L SERIES

REF. ISO 12151-2 / DIN 20066

| PART NO. | | THREAD E | HOSE SIZE | | TUBE O.D. | O-RING | DIMENSIONS | | |
|-----------------|-----------------|----------|-----------|------|-----------|-----------|------------|-----|----|
| BRAIDED | SPIRAL | | DN | DASH | | | A | C | S2 |
| 20411-12-04WZ * | - | M12X1.5 | 6 | 4 | 6 | O04.5X1.5 | 22.5 | 1.4 | 17 |
| 20411-14-04TZ * | - | M14X1.5 | 6 | 4 | 8 | O06.5X1.5 | 21.5 | 1.4 | 17 |
| 20411-14-06WZ | - | M14X1.5 | 10 | 6 | 8 | O06.5X1.5 | 23 | 1.6 | 17 |
| 20411-16-04TZ * | - | M16X1.5 | 6 | 4 | 10 | O08.0X1.5 | 20.5 | 2.1 | 19 |
| 20411-16-05TZ * | - | M16X1.5 | 8 | 5 | 10 | O08.0X1.5 | 23 | 2.1 | 19 |
| 20411-16-06WZ | 20412-16-06WZ | M16X1.5 | 10 | 6 | 10 | O08.0X1.5 | 23.5 | 2 | 19 |
| 20411-18-05TZ * | - | M18X1.5 | 8 | 5 | 12 | O10.0X1.5 | 24.5 | 1.5 | 22 |
| 20411-18-06TZ * | 20412-18-06TZ * | M18X1.5 | 10 | 6 | 12 | O10.0X1.5 | 27.5 | 1.5 | 22 |
| 20411-18-08WZ | 20412-18-08WZ | M18X1.5 | 12 | 8 | 12 | O10.0X1.5 | 24.5 | 1.8 | 22 |
| 20411-22-05TZ | - | M22X1.5 | 8 | 5 | 15 | O12.0X2.0 | 26.5 | 3 | 27 |
| 20411-22-06TZ | 20412-22-06TZ | M22X1.5 | 10 | 6 | 15 | O12.0X2.0 | 26.5 | 3 | 27 |
| 20411-22-08TZ * | 20412-22-08TZ * | M22X1.5 | 12 | 8 | 15 | O12.0X2.0 | 29 | 2.5 | 27 |
| 20411-26-10TZ * | 20412-26-10TZ * | M26X1.5 | 16 | 10 | 18 | O15.0X2.0 | 30 | 2.1 | 32 |
| 20411-26-12WZ | 20412-26-12WZ | M26X1.5 | 20 | 12 | 18 | O15.0X2.0 | 28.5 | 2.1 | 32 |
| 20411-30-10TZ | 20412-30-10TZ | M30X2 | 16 | 10 | 22 | O20.0X2.0 | 31 | 3.8 | 36 |
| 20411-30-12TZ * | 20412-30-12TZ | M30X2 | 20 | 12 | 22 | O20.0X2.0 | 34 | 4 | 36 |
| 20411-36-12TZ | 20412-36-12TZ | M36X2 | 20 | 12 | 28 | O26.0X2.0 | 33 | 4.5 | 41 |
| 20411-36-16WZ * | 20412-36-16WZ | M36X2 | 25 | 16 | 28 | O26.0X2.0 | 30 | 4.5 | 41 |
| 20411-45-16TZ | 20412-45-16TZ | M45X2 | 25 | 16 | 35 | O32.0X2.5 | 37 | 4 | 50 |
| 20411-45-20TZ * | 20412N-45-20TZ | M45X2 | 32 | 20 | 35 | O32.0X2.5 | 37.5/40.1 | 4 | 50 |
| 20411-52-20TZ | 20412N-52-20TZ | M52X2 | 32 | 20 | 42 | O38.0X2.5 | 38.5/41.1 | 4 | 60 |
| 20411-52-24TZ * | 20412N-52-24TZ | M52X2 | 40 | 24 | 42 | O38.0X2.5 | 38.5/41.5 | 4 | 60 |

1. The dimension A before "/" is for braided hose fitting and after "/" is for spiral hose fitting.

2. Part no. marked with "*" is recommended.

3. Material options for fitting and the O-ring.

| Fitting material | O-ring material | Part. No. suffix | Part No. example |
|------------------------|-----------------|------------------|------------------|
| Carbon steel (Default) | NBR | TZ/WZ | 20411-18-06TZ |
| 304 stainless steel | Viton | SRT/SRW | 20411-18-06SRT |
| 316L stainless steel | Viton | SVT/SVW | 20411-18-06SVT |
| 316Ti stainless steel | Viton | SYT/SYW | 20411-18-06SYT |

4. Plating options and performance for carbon steel fittings.

| Plating method | Part. No. suffix | Part No. example | White rust (Hours) | Red rust (Hours) |
|------------------------|------------------|------------------|--------------------|------------------|
| Cr3+ plating (Default) | Z | 20411-18-06TZ | 96 | 360 |
| Durakote plating | ZD | 20411-18-06TZD | 360 | 720 |
| Zinc-nickel plating | ZN | 20411-18-06TZN | 1000 | - |