



45° METRIC FEMALE 24° CONE O-RING S SERIES

REF. ISO 12151-2 / DIN 20066

20541Y

20542Y

| PART NO. | | THREAD E | HOSE SIZE | | TUBE O.D. | O-RING | DIMENSIONS | | | |
|---------------------|------------------|----------|-----------|------|-----------|-----------|-------------|-----|------|----|
| BRAIDED | SPIRAL | | DN | DASH | | | A | C | H | S2 |
| 20541Y-14-04WZ | - | M16X1.5 | 6 | 04 | 6 | O04.5X1.5 | 38.1 | 1.1 | 16 | 17 |
| 20541Y-16-04TZ * | - | M16X1.5 | 6 | 04 | 8 | O06.5X1.5 | 38.4 | 1.8 | 16.3 | 19 |
| 20541Y-16-05WZ | - | M16X1.5 | 8 | 05 | 8 | O06.5X1.5 | 38.4 | 1.5 | 16.3 | 19 |
| 20541Y-18-04TZ * | - | M18X1.5 | 6 | 04 | 10 | O08.0X1.5 | 39.1 | 1.5 | 17 | 22 |
| 20541Y-18-06TZ | 20542Y-18-06TZ | M18X1.5 | 10 | 06 | 10 | O08.0X1.5 | 43.8 | 1.5 | 17.3 | 22 |
| 20541Y-20-05TZ * | - | M20X1.5 | 8 | 05 | 12 | O10.0X1.5 | 42.5 | 2.5 | 18.5 | 24 |
| 20541Y-20-06TZ * | 20542Y-20-06TZ | M20X1.5 | 10 | 06 | 12 | O10.0X1.5 | 42.5 | 2.5 | 18.5 | 24 |
| 20541Y-20-08WZ | 20542Y-20-08WZ | M20X1.5 | 12 | 08 | 12 | O10.0X1.5 | 42.8 | 2.5 | 19 | 24 |
| 20541Y-22-06TZ | 20542Y-22-06TZ | M22X1.5 | 10 | 06 | 14 | O11.0X2.0 | 42 | 3 | 18 | 27 |
| 20541Y-22-08TZ | 20542Y-22-08TZ | M22X1.5 | 12 | 08 | 14 | O11.0X2.0 | 49.6 | 2.5 | 20.7 | 27 |
| 20541Y-24-06TZ | - | M24X1.5 | 10 | 06 | 16 | O13.0X2.0 | 47.3 | 3 | 21 | 30 |
| 20541Y-24-08TZ * | 20542Y-24-08TZ * | M24X1.5 | 12 | 08 | 16 | O13.0X2.0 | 47.3 | 3 | 21 | 30 |
| 20541Y-24-10WZ | 20542Y-24-10WZ | M24X1.5 | 16 | 10 | 16 | O13.0X2.0 | 49.7 | 3 | 22.9 | 30 |
| 20541Y-30-10TZ * | 20542Y-30-10TZ * | M30X2 | 16 | 10 | 20 | O16.3X2.4 | 57.3 | 2.5 | 25 | 36 |
| 20541Y-30-12TZ | 20542Y-30-12TZ | M30X2 | 20 | 12 | 20 | O16.3X2.4 | 65.8 | 2.5 | 26.7 | 36 |
| 20541Y-36-12TZ * | 20542Y-36-12TZ * | M36X2 | 20 | 12 | 25 | O20.3X2.4 | 67.1 | 3.2 | 30.5 | 46 |
| 20541Y-42-12TZ | 20542Y-42-12TZ | M42X2 | 20 | 12 | 30 | O25.3X2.4 | 81 | 3.9 | 35.5 | 50 |
| 20541Y-42-16TZ * | 20542Y-42-16TZ * | M42X2 | 25 | 16 | 30 | O25.3X2.4 | 81 | 3.9 | 35.5 | 50 |
| 20541Y1-52-20TZ * + | - | M52X2 | 32 | 20 | 38 | O33.3X2.4 | 101.7 | 4.5 | 39.4 | 60 |
| 20541Y-52-20TZ * ++ | 20542Y-52-20TZ * | M52X2 | 32 | 20 | 38 | O33.3X2.4 | 101.7/104.3 | 4.5 | 39.4 | 60 |
| 20541Y-52-24TZ | 20542Y-52-24TZ * | M52X2 | 40 | 24 | 38 | O33.3X2.4 | 114.1/117.1 | 4.5 | 43.4 | 60 |

- The dimension A before "/" is for braided hose fitting and after "/" is for spiral hose fitting.
- Part no. marked with "*" is recommended.
- Marked with "+" design for GH781, GH663, FC686, EC110, EC881 hose, Marked with "++" design for GH793, EC210, EC215 hose.
- The recommended match hoses for 1 piece braided fittings are : FC687/EC115-16 and smaller sizes; GH663/EC881-20 and smaller sizes; FC686/EC210/EC215/GH781-24 and smaller sizes; EC110/GH793 whole sizes etc. and with non-skive crimping. For 1 piece spiral fittings are: 2755/GH493/EC640/GH425-16 and smaller sizes; GH506/EC512-12 and larger sizes with skive crimping.

5. 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 | 20541Y-24-08TZ |
| 304 stainless steel | Viton | SRT/SRW | 20541Y-24-08SRT |
| 316L stainless steel | Viton | SVT/SVW | 20541Y-24-08SVT |
| 316Ti stainless steel | Viton | SYT/SYW | 20541Y-24-08SYT |

6. 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 | 20541Y-24-08TZ | 96 | 360 |
| Durakote plating | ZD | 20541Y-24-08TZD | 360 | 720 |
| Zinc-nickel plating | ZN | 20541Y-24-08TZN | 1000 | - |