

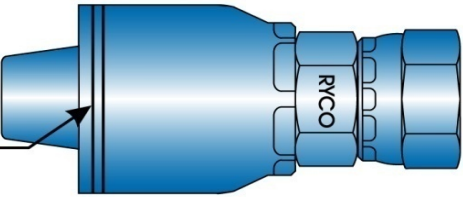
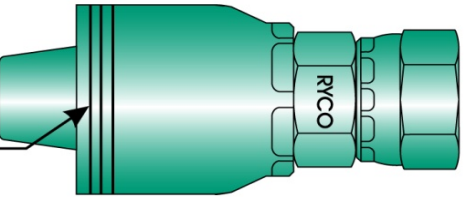
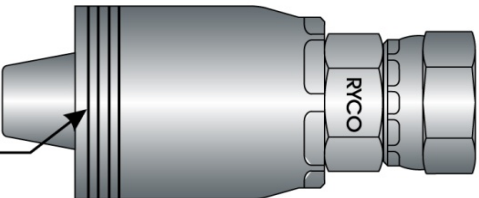
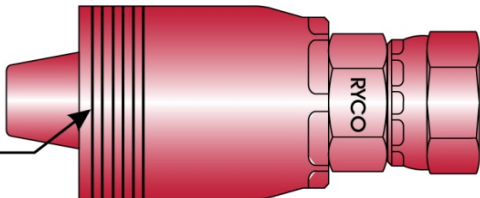


CRIMP CHART

RYCO R450 CRIMP DIMENSIONS

IDENTIFYING RYCO BITELOK COUPLINGS

RYCO Biteelok couplings (MarkIII) have distinctive series code grooves on the body of the ferrule.

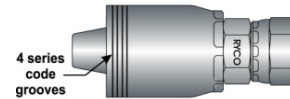
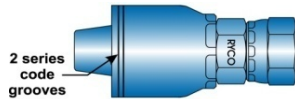
| | |
|--|---|
| <p style="text-align: center;">T200 SERIES</p>  <p>2 series code grooves</p> <p>Only T200 couplings have TWO series code grooves at the end of the ferrule as shown</p> | <p style="text-align: center;">T400 SERIES</p>  <p>3 series code grooves</p> <p>Only T400 couplings have THREE series code grooves at the end of the ferrule as shown</p> |
| <p style="text-align: center;">T700 SERIES</p>  <p>4 series code grooves</p> <p>Only T700 couplings have FOUR series code grooves at the end of the ferrule as shown</p> | <p style="text-align: center;">T900 SERIES</p>  <p>6 series code grooves</p> <p>Only T900 couplings have SIX series code grooves at the end of the ferrule as shown</p> |

RYCO
1616 GREENS ROAD
HOUSTON, TX 77032
(281) 821-4100 PHONE
(281) 821-4300 FAX
www.ryco.com.au



RYCO R450 CRIMP DIMENSIONS

ONE WIRE NON-SKIVE HOSE T200 COUPLINGS T700 COUPLINGS



| AVENGER T1A BT1* | DIEHARD T1D T1F* | SLIDER T1S | SURVIVOR RQP1 | CRIMP Ø ± 0.008" | MARK LENGTH inches | DIE CODE | GAUGE SETTING (approx) | CRIMP Ø ± 0.008" | MARK LENGTH inches | DIE CODE | GAUGE SETTING (approx) |
|------------------------|------------------------|---------------|------------------|------------------------|--------------------------|-------------|------------------------------|------------------------|--------------------------|-------------|------------------------------|
| T13A | | | | 0.602 | 0.75 | 14 | 1.30 | | | | |
| T14A | T14D | T14S | RQP14 | 0.681 | 0.98 | 16 | 1.30 | | | | |
| T15A | T15D | T15S | RQP15 | 0.736 | 0.98 | 16 | 2.70 | | | | |
| T16A | T16D | T16S | RQP16 | 0.846 | 0.98 | 19 | 2.50 | 0.984 | 1.14 | 22 | 3.00 |
| T18A | T18D | T18S | RQP18 | 0.984 | 0.98 | 22 | 3.00 | 1.063 | 1.14 | 26 | 1.00 |
| T110A | T110D | T110S | RQP110 | 1.114 | 1.18 | 26 | 2.30 | 1.220 | 1.26 | 30 | 1.00 |
| T112A | T112D | T112S | RQP112 | 1.252 | 1.18 | 30 | 1.80 | 1.358 | 1.26 | 34 | 0.50 |
| T116A | T116D | T116S | RQP116 | 1.594 | 1.18 | 39 | 1.50 | 1.654 | 1.69 | 39 | 3.00 |
| T120A | T120D | T120S | | 1.988 | 2.01 | 45 | 5.50 | 2.087 | 2.01 | 51 | 2.00 |
| T124A | T124D | T124S | | | | | | 2.209 | 2.21 | 51 | 5.10 |
| T132A | T132D | T132S | | | | | | 2.736 | 2.36 | 69 | 0.50 |

*T1F Fire Suppression & BT1 BioTrans - Use same Coupling Series, Crimp Diameters and Mark Length Dimensions as T1A and D

ONE & TWO WIRE PRESSURE WASHER HOSE T200 COUPLINGS T700 COUPLINGS


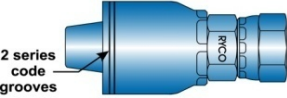
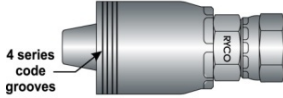
| TORNADO PRESSURE WASHER TW1 | PW2 | CRIMP Ø ± 0.008" | SKIVE LENGTH inches | DIE CODE | GAUGE SETTING (approx) | CRIMP Ø ± 0.008" | SKIVE LENGTH inches | DIE CODE | GAUGE SETTING (approx) |
|-----------------------------------|------|------------------------|---------------------------|-------------|------------------------------|------------------------|---------------------------|-------------|------------------------------|
| TW14 | | 0.681 | .87 Skive | 16 | 1.30 | | | | |
| TW16 | | 0.846 | .87 Skive | 19 | 2.50 | 0.984 | 1.06 Skive | 22 | 3.00 |
| TW18 | | 0.984 | .87 Skive | 22 | 3.00 | 1.063 | 1.06 Skive | 26 | 1.00 |
| | PW26 | 0.886 | .87 Skive | 22 | 0.50 | 1.024 | 1.06 Skive | 26 | 0.00 |

ONE & TWO WIRE ISOBARIC NON-SKIVE HOSE T200 COUPLINGS




| AVENGER T3KA | DIEHARD T3KD | SLIDER T3KS | CRIMP Ø ± 0.008" | MARK LENGTH inches | DIE CODE | GAUGE SETTING (approx) |
|-----------------|-----------------|----------------|------------------------|--------------------------|-------------|------------------------------|
| T3K4A | T3K4D | T3K4S | 0.681* ± 0.004" | 0.98 | 16 | 1.30 |
| T3K6A | T3K6D | T3K6S | 0.846 | 0.98 | 19 | 2.50 |
| T3K8A | T3K8D | T3K8S | 0.984 | 0.98 | 22 | 3.00 |
| T3K10A | T3K10D | T3K10S | 1.154 | 1.18 | 26 | 3.30 |
| T3K12A | T3K12D | T3K12S | 1.291 | 1.18 | 30 | 2.80 |
| T3K16A | T3K16D | T3K16S | 1.634 | 1.18 | 39 | 2.50 |


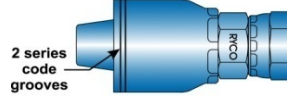

*T3K4A, T3K4D, T3K4S - Required crimping tolerance is ± 0.004" for this size only.

RYCO R450 CRIMP DIMENSIONS

| TWO WIRE NON-SKIVE HOSE | | | | T200 COUPLINGS | | | | T700 COUPLINGS | | | |
|---|------------|--------|----------|---|--------|------|----------|---|--------|------|----------|
|  | | | |  | | | |  | | | |
| AVENGER | DIEHARD | SLIDER | SURVIVOR | CRIMP | MARK | DIE | GAUGE | CRIMP | MARK | DIE | GAUGE |
| T2A, T2C | T2D, TJ2D* | | | Ø | LENGTH | CODE | SETTING | Ø | LENGTH | CODE | SETTING |
| E2 | TXA2D* | T2S | RQP2 | ± 0.008" | inches | | (approx) | ± 0.008" | inches | | (approx) |
| T24A | T24D | T24S | RQP24 | 0.720 | 0.98 | 16 | 2.30 | | | | |
| T25A | T25D | T25S | | 0.783 | 0.98 | 19 | 0.90 | | | | |
| T26A | T26D | T26S | RQP26 | 0.886 | 0.98 | 22 | 3.50 | 1.024 | 1.14 | 26 | 0.00 |
| T28A | T28D | T28S | RQP28 | 1.024 | 0.98 | 26 | 0.00 | 1.091 | 1.14 | 26 | 1.70 |
| T210A | T210D | T210S | RQP210 | 1.154 | 1.18 | 26 | 3.30 | 1.260 | 1.26 | 30 | 2.00 |
| T212A | T212D | T212S | RQP212 | 1.291 | 1.18 | 30 | 2.80 | 1.398 | 1.26 | 34 | 1.50 |
| T216A | T216D | T216S | RQP216 | 1.634 | 1.18 | 39 | 2.50 | 1.681 | 1.69 | 39 | 3.70 |
| T220A | T220D | T220S | RQP220 | 2.028 | 2.01 | 51 | 0.50 | 2.126 | 2.01 | 51 | 3.00 |
| T224A | T224D | T224S | RQP224 | | | | | 2.315 | 2.21 | 57 | 1.80 |
| T232A | T232D | T232S | RQP232 | | | | | 2.799 | 2.36 | 69 | 2.00 |

*T2C, E2, TJ2D, TXA2D Series Hose - Use same Coupling Series, Crimp Diameters and Mark Length Dimensions as T2A, D, or S

| TWO WIRE COMPACT NON-SKIVE HOSE | | | | T200 COUPLINGS | | | | T700 COUPLINGS | | | |
|---|---------|--|--|---|--------|------|----------|---|--------|------|----------|
|  | | | |  | | | |  | | | |
| AVENGER | DIEHARD | | | CRIMP | MARK | DIE | GAUGE | CRIMP | MARK | DIE | GAUGE |
| DF2A | DF2D | | | Ø | LENGTH | CODE | SETTING | Ø | LENGTH | CODE | SETTING |
| | | | | ± 0.008" | inches | | (approx) | ± 0.008" | inches | | (approx) |
| DF24A | DF24D | | | 0.681 | 0.98 | 16 | 1.30 | | | | |
| DF26A | DF26D | | | 0.868 | 0.98 | 19 | 2.70 | | | | |
| DF28A | DF28D | | | 0.984 | 0.98 | 22 | 3.00 | | | | |
| DF210A | DF210D | | | 1.114 | 1.18 | 27 | 1.30 | | | | |
| DF212A | DF212D | | | 1.252 | 1.18 | 30 | 1.80 | | | | |
| DF216A | DF216D | | | 1.594 | 1.18 | 39 | 1.50 | | | | |

| FOUR WIRE SPIRAL HOSE | | | | T200 COUPLINGS | | | | T700 COUPLINGS | | | |
|---|---------|--------|--|---|--------|------|----------|---|--------|------|----------|
|  | | | |  | | | |  | | | |
| AVENGER | DIEHARD | SLIDER | | CRIMP | SKIVE | DIE | GAUGE | CRIMP | MARK | DIE | GAUGE |
| H12A | H12D | H12S | | Ø | LENGTH | CODE | SETTING | Ø | LENGTH | CODE | SETTING |
| | | | | ± 0.008" | inches | | (approx) | ± 0.008" | inches | | (approx) |
| H1206A | H1206D | H1206S | | | | | | 1.024 | 1.14 | 26 | 0.00 |
| H1208A | H1208D | H1208S | | | | | | 1.087 | 1.14 | 26 | 1.60 |
| H1210A | H1210D | H1210S | | | | | | 1.260 | 1.26 | 30 | 2.00 |
| H1212A | H1212D | H1212S | | | | | | 1.394 | 1.26 | 34 | 1.40 |
| H1216A | H1216D | H1216S | | | | | | 1.665 | 1.69 | 39 | 3.30 |
| H1220A | H1220D | H1220S | | | | | | 2.075 | 2.01 | 51 | 1.70 |
| H1224A | H1224D | H1224S | | | | | | 2.291 | 2.21 | 57 | 1.20 |
| H1232A | H1232D | H1232S | | | | | | 2.780 | 2.36 | 69 | 1.60 |

RYCO R450 CRIMP DIMENSIONS

FOUR WIRE SPIRAL HOSE

T700 COUPLINGS



| AVENGER | DIEHARD | CRIMP Ø | MARK LENGTH | DIE CODE | GAUGE SETTING (approx) |
|---------|---------|----------|-------------|----------|------------------------|
| HSPA | HSPD | ± 0.008" | inches | | |
| HSP06A | HSP06D | 1.031 | 1.14 | 26 | 0.20 |
| HSP08A | HSP08D | 1.087 | 1.14 | 26 | 1.60 |

FOUR WIRE SPIRAL HOSE

T700 COUPLINGS

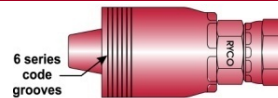
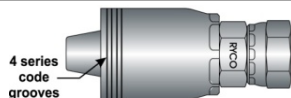
T900 COUPLINGS

| AVENGER | DIEHARD | CRIMP Ø | MARK LENGTH | DIE CODE | GAUGE SETTING (approx) | CRIMP Ø | MARK LENGTH | DIE CODE | GAUGE SETTING (approx) |
|---------|---------|----------|-------------|----------|------------------------|----------|-------------|----------|------------------------|
| HSHA | HSHD | ± 0.008" | inches | | | ± 0.008" | inches | | |
| HSH12A | HSH12D | | | | | 1.441 | 1.46 | 34 | 2.60 |
| HSH16A | HSH16D | | | | | 1.724 | 1.97 | 39 | 4.80 |
| HSH20A | HSH20D | 2.028 | 2.01 | 51 | 0.50 | | | | |
| HSH24A | HSH24D | 2.240 | 2.21 | 51 | 5.90 | | | | |
| HSH32A | HSH32D | 2.831 | 2.36 | 69 | 2.90 | | | | |

FOUR & SIX WIRE SPIRAL HOSE

T700 COUPLINGS

T900 COUPLINGS

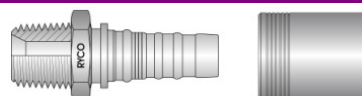
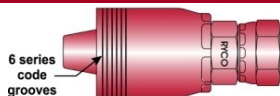


| AVENGER | DIEHARD | SLIDER | CRIMP Ø | MARK LENGTH | DIE CODE | GAUGE SETTING (approx) | CRIMP Ø | MARK LENGTH | DIE CODE | GAUGE SETTING (approx) |
|---------|---------|--------|----------|-------------|----------|------------------------|----------|-------------|----------|------------------------|
| H13A | H13D | H13S | ± 0.008" | inches | | | ± 0.008" | inches | | |
| H1312A | H1312D | H1312S | 1.378 | 1.14 Skive | 34 | 1.00 | 1.441 | 1.46 | 34 | 2.60 |
| H1316A | H1316D | H1316S | 1.642 | 1.50 Skive | 39 | 2.70 | 1.760 | 1.97 | 39 | 5.70 |
| H1320A | H1320D | H1320S | 2.201 | 1.89 Skive | 51 | 4.90 | 2.177 | 2.36 | 51 | 4.30 |
| H1324A | H1324D | H1324S | | | | | 2.437 | 2.91 | 57 | 4.90 |
| H1332A | H1332D | H1332S | | | | | 3.031 | 3.54 | 74 | 3.00 |

SIX WIRE SPIRAL HOSE

T900 COUPLINGS

6900N TWO PIECE COUPLINGS



| AVENGER | DIEHARD | CRIMP Ø | MARK LENGTH | DIE CODE | GAUGE SETTING (approx) | CRIMP Ø | EXTERNAL SKIVE LENGTH | INTERNAL SKIVE LENGTH | DIE CODE | GAUGE SETTING (approx) |
|---------|---------|----------|-------------|----------|------------------------|----------|-----------------------|-----------------------|----------|------------------------|
| H15A | H15D | ± 0.008" | inches | | | ± 0.008" | inches | inches | | |
| H1512A | H1512D | | | | | 1.394 | 1.50* | 0.39* | 34 | 1.40 |
| H1516A | H1516D | 1.744 | 1.97 | 39 | 5.30 | 1.697 | 1.89* | 0.59* | 39 | 4.10 |
| H1520A | H1520D | 2.177 | 2.36 | 51 | 4.30 | 2.146 | 2.87* | 0.67* | 51 | 3.50 |
| H1524A | H1524D | | | | | 2.402 | 3.15* | 0.98* | 57 | 4.00 |
| H6032A | H6032D | H6032S | | | | 3.091 | 2.95* | 0.79* | 77 | 1.50 |

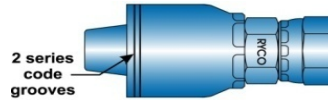
*Denotes internal skive and external skive MUST be completed before attaching 6900N coupling.

RYCO R450 CRIMP DIMENSIONS

ISOBARIC BRAID HOSE



T200 COUPLINGS



| AVENGER T3000A | | | DIEHARD T3000D | | | SLIDER T3000S | | CRIMP Ø ± 0.008" | MARK LENGTH inches | DIE CODE | GAUGE SETTING (approx) |
|-------------------|--------|--------|-------------------|--|--|------------------|-------|------------------------|--------------------------|-------------|------------------------------|
| T3004A | T3004D | T3004S | | | | | 0.650 | 0.98 | 16 | 0.50 | |
| T3005A | T3005D | T3005S | | | | | 0.720 | 0.98 | 16 | 2.30 | |
| T3006A | T3006D | T3006S | | | | | 0.815 | 0.98 | 19 | 1.70 | |
| T3008A | T3008D | T3008S | | | | | 0.933 | 0.98 | 22 | 1.70 | |
| T3010A | T3010D | T3010S | | | | | 1.126 | 1.18 | 26 | 2.60 | |
| T3012A | T3012D | T3012S | | | | | 1.260 | 1.18 | 30 | 2.00 | |
| T3016A | T3016D | T3016S | | | | | 1.583 | 1.18 | 39 | 1.20 | |

| AVENGER T4000A | | | DIEHARD T4000D | | | SLIDER T4000S | | CRIMP Ø ± 0.008" | MARK LENGTH inches | DIE CODE | GAUGE SETTING (approx) |
|-------------------|--------|--------|-------------------|--|--|------------------|-------|------------------------|--------------------------|-------------|------------------------------|
| T4004A | T4004D | T4004S | | | | | 0.650 | 0.98 | 16 | 0.50 | |
| T4005A | T4005D | T4005S | | | | | 0.760 | 0.98 | 19 | 0.30 | |
| T4006A | T4006D | T4006S | | | | | 0.846 | 0.98 | 19 | 2.50 | |
| T4008A | T4008D | T4008S | | | | | 0.992 | 0.98 | 22 | 3.20 | |
| T4010A | T4010D | T4010S | | | | | 1.134 | 1.18 | 26 | 2.80 | |
| T4012A | T4012D | T4012S | | | | | 1.291 | 1.18 | 30 | 2.80 | |
| T4016A | T4016D | T4016S | | | | | | | | | |

| AVENGER T5000A | | | DIEHARD T5000D | | | SLIDER T5000S | | CRIMP Ø ± 0.008" | MARK LENGTH inches | DIE CODE | GAUGE SETTING (approx) |
|-------------------|--------|--------|-------------------|--|--|------------------|-------|------------------------|--------------------------|-------------|------------------------------|
| T5004A | T5004D | T5004S | | | | | 0.693 | 0.98 | 16 | 1.60 | |
| T5005A | T5005D | T5005S | | | | | 0.768 | 0.98 | 19 | 0.50 | |
| T5006A | T5006D | T5006S | | | | | 0.854 | 0.98 | 19 | 2.70 | |
| T5008A | T5008D | T5008S | | | | | 1.004 | 0.98 | 22 | 3.50 | |
| T5010A | T5010D | T5008S | | | | | | | | | |

| AVENGER T6000A | | | DIEHARD T6000D | | | SLIDER T6000S | | CRIMP Ø ± 0.008" | MARK LENGTH inches | DIE CODE | GAUGE SETTING (approx) |
|-------------------|--------|--------|-------------------|--|--|------------------|-------|------------------------|--------------------------|-------------|------------------------------|
| T6004A | T6004D | T6004S | | | | | 0.693 | 0.98 | 16 | 1.60 | |
| T6005A | T6005D | T6005S | | | | | 0.748 | 0.98 | 19 | 0.00 | |
| T6006A | T6006D | T6006S | | | | | 0.866 | 0.98 | 22 | 0.00 | |

RYCO R450 CRIMP DIMENSIONS

ISOBARIC SPIRAL HOSE

T700 COUPLINGS



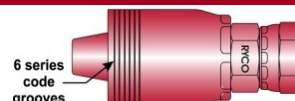
| AVENGER DIEHARD SLIDER | | | CRIMP Ø | MARK LENGTH | DIE CODE | GAUGE SETTING (approx) |
|------------------------|--------|--------|----------|-------------|----------|------------------------|
| H3000A | H3000D | H3000S | ± 0.008" | inches | CODE | (approx) |
| H3020A | H3020D | H3020S | 2.075 | 2.01 | 51 | 1.70 |
| H3024A | H3024D | H3024S | 2.240 | 2.20 | 51 | 5.90 |
| H3032A | H3032D | H3032S | 2.669 | 2.36 | 63 | 4.80 |

| AVENGER DIEHARD SLIDER | | | CRIMP Ø | MARK LENGTH | DIE CODE | GAUGE SETTING (approx) |
|------------------------|--------|--------|----------|-------------|----------|------------------------|
| H4000A | H4000D | H4000S | ± 0.008" | inches | CODE | (approx) |
| H4006A | H4006D | H4006S | 1.024 | 1.14 | 26 | 0.00 |
| H4008A | H4008D | H4008S | 1.059 | 1.14 | 26 | 0.90 |
| H4010A | H4010D | H4010S | 1.213 | 1.26 | 30 | 0.80 |
| H4012A | H4012D | H4012S | 1.374 | 1.26 | 34 | 0.90 |
| H4016A | H4016D | H4016S | 1.650 | 1.69 | 39 | 2.90 |
| H4020A | H4020D | H4020S | 2.035 | 2.01 | 51 | 0.70 |
| H4024A | H4024D | H4024S | 2.228 | 2.20 | 51 | 5.60 |
| H4032A | H4032D | H4032S | | | | |

ISOBARIC SPIRAL HOSE

T700 COUPLINGS

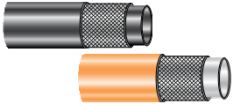
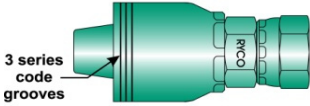
T900 COUPLINGS





| AVENGER DIEHARD SLIDER | | | CRIMP Ø | MARK LENGTH | DIE CODE | GAUGE SETTING (approx) | CRIMP Ø | MARK LENGTH | DIE CODE | GAUGE SETTING (approx) |
|------------------------|--------|--------|----------|-------------|----------|------------------------|----------|-------------|----------|------------------------|
| H5000A | H5000D | H5000S | ± 0.008" | inches | CODE | (approx) | ± 0.008" | inches | CODE | (approx) |
| H5006A | H5006D | H5006S | 1.024 | 1.14 | 26 | 0.00 | | | | |
| H5008A | H5008D | H5008S | 1.087 | 1.14 | 26 | 1.60 | | | | |
| H5010A | H5010D | H5010S | 1.260 | 1.26 | 30 | 2.00 | | | | |
| H5012A | H5012D | H5012S | 1.394 | 1.26 | 34 | 1.40 | | | | |
| H5016A | H5016D | H5016S | 1.650 | 1.69 | 39 | 2.90 | | | | |
| H5020A | H5020D | H5020S | 2.071 | 2.01 | 51 | 1.60 | | | | |
| H5024A | H5024D | H5024S | | | | | | | | |
| H5032A | H5032D | H5032S | | | | | 2.913 | 3.54 | 74 | 0.00 |

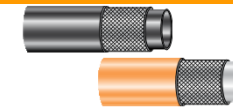

| H6000A | H6000D | H6000S | T700 COUPLINGS | | | | T900 COUPLINGS | | | |
|--------|--------|--------|----------------|------|----|------|----------------|------|----|------|
| H6006A | H6006D | H6006S | | | | | | | | |
| H6008A | H6008D | H6008S | 1.087 | 1.14 | 26 | 1.60 | | | | |
| H6010A | H6010D | H6010S | 1.228 | 1.26 | 30 | 1.20 | | | | |
| H6012A | H6012D | H6012S | 1.394 | 1.26 | 34 | 1.40 | | | | |
| H6016A | H6016D | H6016S | 1.654 | 1.69 | 39 | 3.00 | 1.724 | 1.97 | 39 | 4.80 |
| H6020A | H6020D | H6020S | 2.047 | 2.01 | 51 | 1.00 | | | | |
| H6024A | H6024D | H6024S | | | | | | | | |
| H6032A | H6032D | H6032S | SEE PAGE 4 | | | | SEE PAGE 4 | | | |

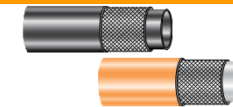

RYCO R450 CRIMP DIMENSIONS

| THERMOPLASTIC HOSE | | | | T400 COUPLINGS | | | |
|---|------------|----------|----------|---|--------|------|----------|
|  | | | |  | | | |
| SPIDERLINE | SPIDERLINE | ISOLATOR | ISOLATOR | CRIMP | MARK | DIE | GAUGE |
| TWIN | | TWIN | | Ø | LENGTH | | SETTING |
| RT7 | RT7T | RT7N | RT7TN | ± 0.008" | inches | CODE | (approx) |
| RT72 | | | | 0.366* | 0.55 | | |
| RT73 | | | | 0.508 | 0.79 | 12 | 0.90 |
| RT74 | RT74T | RT74N | RT74TN | 0.626 | 0.98 | 14 | 1.90 |
| RT75 | RT75T | RT75N | RT75TN | 0.685 | 0.98 | 16 | 1.40 |
| RT76 | RT76T | RT76N | RT76TN | 0.768 | 0.98 | 19 | 0.50 |
| RT78 | RT78T | RT78N | RT78TN | 0.921 | 1.02 | 22 | 1.40 |
| RT710 | RT710T | RT710N | RT710TN | 1.067 | 1.18 | | |
| RT712 | RT712T | RT712N | RT712TN | 1.181 | 1.18 | 30 | 0.00 |

*Important Note: Special die is required to assemble RT72 hose. Crimp tolerance is +/- .005"

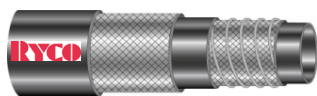
| THERMOPLASTIC HOSE | | | | T400 COUPLINGS | | | |
|---|------------|----------|----------|---|--------|------|----------|
|  | | | |  | | | |
| SPIDERLINE | SPIDERLINE | ISOLATOR | ISOLATOR | CRIMP | MARK | DIE | GAUGE |
| TWIN | | TWIN | | Ø | LENGTH | | SETTING |
| TP7 | TP7T | TP7N | TP7TN | ± 0.008" | inches | CODE | (approx) |
| TP72 | TP72T | TP72N | TP72TN | | | | |
| TP73 | TP73T | TP73N | TP73TN | | | | |
| TP74 | TP74T | TP74N | TP74TN | 0.587 | 0.98 | 14 | 0.90 |
| TP75 | TP75T | TP75N | TP75TN | 0.657 | 0.98 | 16 | 0.70 |
| TP76 | TP76T | TP76N | TP76TN | 0.744 | 0.98 | 16 | 2.90 |
| TP78 | TP78T | TP78N | TP78TN | 0.878 | 0.98 | 22 | 0.30 |
| TP710 | TP710T | TP710N | TP710TN | 1.016 | 1.18 | 22 | 3.80 |
| TP712 | TP712T | TP712N | TP712TN | 1.114 | 1.18 | 26 | 2.30 |
| TP716 | TP716T | TP716N | TP716TN | 1.480 | 1.30 | | |

| THERMOPLASTIC HOSE | | | | T400 COUPLINGS | | | |
|---|--|--|--|---|--------|------|----------|
|  | | | |  | | | |
| TP3000 | | | | CRIMP | MARK | DIE | GAUGE |
| | | | | Ø | LENGTH | | SETTING |
| | | | | ± 0.008" | inches | CODE | (approx) |
| TP3004 | | | | 0.587 | 0.98 | 14 | 0.90 |
| TP3006 | | | | 0.76 | 0.98 | 19 | 0.30 |
| TP3008 | | | | 0.941 | 0.98 | 22 | 1.90 |

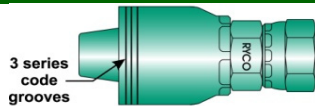
| THERMOPLASTIC HOSE | | | | T1000 COUPLINGS | | | |
|---|------------|----------|----------|---|--------|------|----------|
|  | | | |  | | | |
| SPIDERLINE | SPIDERLINE | ISOLATOR | ISOLATOR | CRIMP | MARK | DIE | GAUGE |
| TWIN | | TWIN | | Ø | LENGTH | | SETTING |
| TP8 | TP8T | TP8N | TP8TN | ± 0.008" | inches | CODE | (approx) |
| TP84 | TP84T | TP84N | TP84TN | 0.571 | 0.98 | 14 | 0.50 |
| TP86 | TP86T | TP86N | TP86TN | 0.709 | 0.98 | 16 | 2.00 |
| TP88 | TP88T | TP88N | TP88TN | 0.843 | 0.98 | 19 | 2.40 |

RYCO R450 CRIMP DIMENSIONS

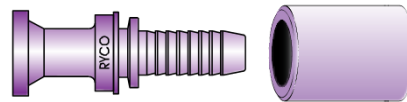
SUCTION & RETURN HOSE



T400 COUPLINGS



1400 TWO-PIECE COUPLINGS



SUCTION
RETURN
SR

DEFIANT
SRF

CRIMP
Ø
± 0.008"

MARK
LENGTH
inches

DIE
CODE

GAUGE
SETTING
(approx)

CRIMP
Ø
± 0.008"

MARK
LENGTH
inches

DIE
CODE

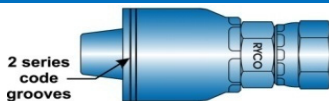
GAUGE
SETTING
(approx)

| SUCTION | DEFIANT | CRIMP | MARK | DIE | GAUGE | CRIMP | MARK | DIE | GAUGE |
|---------|---------|----------|--------|------|----------|----------|--------|------|----------|
| RETURN | SRF | Ø | LENGTH | CODE | SETTING | Ø | LENGTH | CODE | SETTING |
| SR | SRF | ± 0.008" | inches | CODE | (approx) | ± 0.008" | inches | CODE | (approx) |
| SR12 | SRF12 | 1.323 | 1.10 | 30 | 3.60 | | | | |
| SR16 | | 1.693 | 1.22 | 39 | 4.00 | | | | |
| | SRF16 | 1.591 | 1.22 | 39 | 1.40 | | | | |
| SR20 | SRF20 | 2.028 | 1.77 | 51 | 0.50 | | | | |
| SR24 | SRF24 | 2.256 | 1.97 | 57 | 0.30 | | | | |
| SR32 | SRF32 | 2.768 | 2.09 | 69 | 1.30 | | | | |
| SR40 | | | | | | 3.356 | 3.15 | 78 | 7.24 |

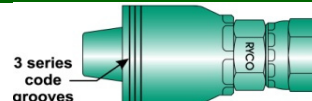
MINING HOSE



T200 COUPLINGS



T400 COUPLINGS



MINE
SPRAY
MS1000

COAL
SPRAY
CS1000

CRIMP
Ø
± 0.008"

MARK
LENGTH
inches

DIE
CODE

GAUGE
SETTING
(approx)

CRIMP
Ø
± 0.008"

MARK
LENGTH
inches

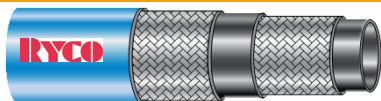
DIE
CODE

GAUGE
SETTING
(approx)

| MINE | COAL | CRIMP | MARK | DIE | GAUGE | CRIMP | MARK | DIE | GAUGE |
|--------|--------|----------|--------|------|----------|----------|--------|------|----------|
| SPRAY | SPRAY | Ø | LENGTH | CODE | SETTING | Ø | LENGTH | CODE | SETTING |
| MS1000 | CS1000 | ± 0.008" | inches | CODE | (approx) | ± 0.008" | inches | CODE | (approx) |
| MS1012 | CS1012 | 1.220 | 1.18 | 30 | 1.00 | | | | |
| MS1016 | CS1016 | 1.543 | 1.18 | 39 | 0.20 | | | | |
| MS1020 | MS1020 | | | | | 1.780 | 1.85 | 45 | 0.20 |
| MS1024 | MS1024 | | | | | 1.969 | 1.97 | 45 | 5.00 |
| MS1032 | MS1032 | | | | | 2.50 | 2.09 | 63 | 0.50 |

HIGH PRESSURE DRILL RIG HOSE

T700 COUPLINGS



DRILLER
D2B

CRIMP
Ø
± 0.008"

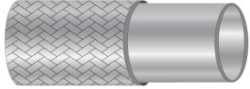

MARK
LENGTH
inches

DIE
CODE

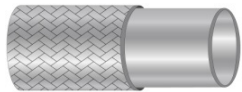
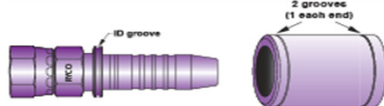
GAUGE
SETTING
(approx)

| DRILLER | CRIMP | MARK | DIE | GAUGE |
|---------|----------|--------|------|----------|
| D2B | Ø | LENGTH | CODE | SETTING |
| D2B | ± 0.008" | inches | CODE | (approx) |
| D224B | 2.209 | 2.20 | 51 | 5.10 |
| D232B | 2.697 | 2.36 | 63 | 5.50 |

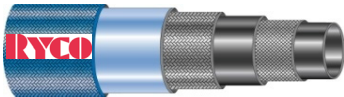
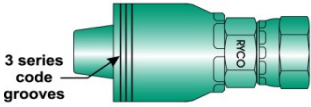
RYCO R450 CRIMP DIMENSIONS

| TEFLON HOSE | | | 1100 TWO PIECE COUPLINGS | | | | |
|---|--|--|--|--------|------|----------|--|
|  | | |  | | | | |
| TEFLON® | | | CRIMP | MARK | DIE | GAUGE | |
| RTH1 | | | Ø | LENGTH | CODE | SETTING | |
| | | | ± 0.008" | inches | | (approx) | |
| RTH14 | | | 0.579 | 0.91 | 14 | 0.70 | |
| RTH16 | | | 0.654 | 0.94 | 16 | 0.60 | |
| RTH18 | | | 0.744 | 1.06 | 16 | 2.90 | |
| RTH110 | | | 0.898 | 1.34 | 22 | 0.80 | |
| RTH112 | | | 1.067 | 1.34 | 26 | 1.10 | |
| RTH116 | | | 1.398 | 1.46 | 34 | 1.50 | |

TEFLON® DuPont Registered TM

| TEFLON HOSE | | | 10000 TWO-PIECE COUPLINGS | | | | |
|---|--|--|---|--------|------|----------|--|
|  | | |  | | | | |
| TEFLON® | | | CRIMP | MARK | DIE | GAUGE | |
| RTH1 | | | Ø | LENGTH | CODE | SETTING | |
| | | | ± 0.008" | inches | | (approx) | |
| RTH14 | | | 0.579 | 0.91 | 14 | 0.70 | |
| RTH16 | | | 0.654 | 0.94 | 16 | 0.60 | |
| RTH18 | | | 0.744 | 1.06 | 16 | 2.90 | |
| RTH110 | | | 0.898 | 1.34 | 22 | 0.80 | |
| RTH112 | | | 1.067 | 1.34 | 26 | 1.10 | |
| RTH116 | | | 1.398 | 1.46 | 34 | 1.50 | |

TEFLON® DuPont Registered TM

| TRANSPORT HOSE | | | T400 COUPLINGS | | | | |
|---|----------|-------------|---|--------|------|----------|--|
|  | | |  | | | | |
| TRUCKER | SURVIVOR | | CRIMP | MARK | DIE | GAUGE | |
| T5* | RQP5* | COUPLINGS | Ø | LENGTH | CODE | SETTING | |
| | | | ± 0.008" | inches | | (approx) | |
| T54 | RQP54 | USE T400-03 | 0.575 | 0.79 | 14 | 0.60 | |
| T55 | RQP55 | USE T400-04 | 0.681 | 0.98 | 16 | 1.30 | |
| T56 | RQP56 | USE T400-05 | 0.744 | 0.98 | 16 | 2.90 | |
| T58 | RQP58 | USE T400-06 | 0.846 | 0.98 | 19 | 2.50 | |
| T510 | RQP510 | USE T400-08 | 0.984 | 1.02 | 22 | 3.00 | |
| T512 | RQP512 | USE T400-10 | 1.130 | 1.22 | 26 | 2.70 | |
| T516 | RQP516 | USE T400-14 | 1.339 | 1.22 | 34 | 0.00 | |
| T520 | RQP520 | USE T400-18 | 1.614 | 1.34 | 39 | 2.00 | |
| T524 | RQP524 | USE T400-22 | 1.984 | 1.85 | 45 | 5.40 | |
| T532 | RQP532 | USE T400-29 | 2.402 | 2.09 | 57 | 4.00 | |

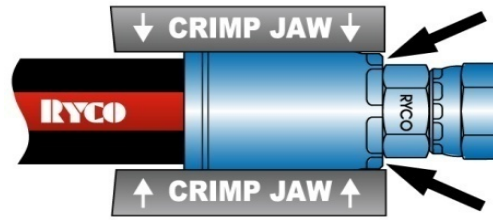
*Ensure matched couplings for hose diameter is used i.e. T54 = T400-03

RYCO R450 CRIMP DIMENSIONS

CRIMPING RYCO BITELOK COUPLINGS

BITELOK CRIMP LENGTH

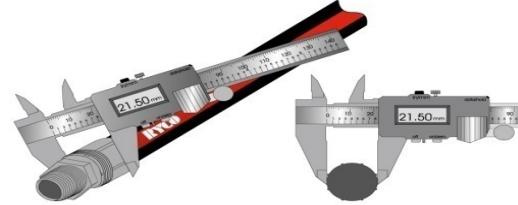
Bitelok couplings **MUST** be crimped over the entire length of the ferrule including the nose crimp where the ferrule is attached to the insert.



Crimp over the entire length of the ferrule.

Measuring Crimp Dimensions

Each crimp must be measured across the flats, with a vernier caliper halfway down the length of the ferrule.



MEASURE ACROSS FLATS HALFWAY ALONG FERRULE

CAUTION - DO NOT MIX/MATCH PRODUCT

Hydraulic Hose from one manufacturer is usually not compatible with fittings supplied by another manufacturer. It is the responsibility of the hose assembly fabricator to consult the manufacturer's written assembly instructions or the manufacturers directly before intermixing hose and fittings from two manufacturers. Similarly, assembly equipment from one manufacturer is usually not interchangeable with that of another manufacturer. It is the responsibility of the hose assembly fabricator to consult the manufacturer's written instructions or the manufacturers directly for the proper assembly equipment. Always follow the manufacturer's instructions for proper preparation and fabrication of hose assemblies.

Important Note:

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