

Cobalt Solar
EXCLUSIVE

HDPE SOLAR SPLIT AND NON-SPLIT CONDUIT/DUCT



Leaders in Solar Component
Design and Manufacture

1300 273 111 | www.cobaltsolar.com.au

SPLIT CONDUIT / DUCT

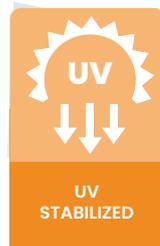
Highly Ductile Corrugated HDPE

Manufactured in Melbourne & Brisbane from custom formulated High-density polyethylene (HDPE) and designed for long term exposure to extreme conditions. Cobalt Solar HDPE cable protection is design for Solar farm and back of the array installs.

- Superior UV (T) Stabilisation
- Extremely Flexible
- Long fatigue life
- Designed for Australian Conditions



| SIZE | PART NO. |
|---|----------------------|
| 5mm ID 8mm OD ordered per Meter | CSE-SPLIT-FC-5/8mm |
| 7mm ID 10mm OD ordered per Meter | CSE-SPLIT-FC-7/10mm |
| 10mm ID 13mm OD ordered per Meter | CSE-SPLIT-FC-10/13mm |
| 13mm ID 16mm OD ordered per Meter | CSE-SPLIT-FC-13/16mm |
| 16mm ID 20mm OD ordered per Meter | CSE-SPLIT-FC-16/20mm |
| 20mm ID 25mm OD ordered per Meter | CSE-SPLIT-FC-20/25mm |
| 23mm ID 27mm OD ordered per Meter | CSE-SPLIT-FC-23/27mm |
| 29mm ID 33mm OD ordered per Meter | CSE-SPLIT-FC-29/33mm |
| 36mm ID 42mm OD ordered per Meter | CSE-SPLIT-FC-36/42mm |
| 48mm ID 54mm OD ordered per Meter | CSE-SPLIT-FC-48/54mm |



SPLIT CONDUIT / DUCT

Data Sheet

| SPLIT CORRUGATED TUBE | | | | | |
|-------------------------------------|---|---------------------|----------------------|----------------------|----------------------|
| PART NUMBER (SPECIAL SIZES) | CSE-SPLIT-FC-5/8MM | CSE-SPLIT-FC-7/10MM | CSE-SPLIT-FC-10/13MM | CSE-SPLIT-FC-13/16MM | CSE-SPLIT-FC-16/20mm |
| SUITS STANDARD COMPRESSION FITTINGS | Contact Us | | | | CSE-WTF-M20-21.2 |
| SIZE | 8mm | 10mm | 13mm | 16mm | 20mm |
| CUSTOM ROLL LENGTH AVAILABLE | Yes | | | | |
| AVAILABILITY | Special Order Only | | | | |
| OUTSIDE DIAMETER (OD) | 8mm (+/- 0.2mm) | 10mm (+/- 0.2mm) | 13mm (+/- 0.2mm) | 16mm (+/- 0.2mm) | 20mm (+/- 0.3mm) |
| INSIDE DIAMETER (ID) | 5mm (+/- 0.2mm) | 7mm (+/- 0.2mm) | 10mm (+/- 0.2mm) | 13mm (+/- 0.2mm) | 16mm (+/- 0.3mm) |
| SUITS | Tracking Solar & Other Non-Static Outdoor Use | | | | |
| CRUSH RESISTANCE (*EQUIVALENT ONLY) | >MD (Light - Medium Duty)* | | | | |
| IMPACT RESISTANT (IK RATING) | 2 joules (IK07) | | | | |
| FLEXIBILITY | High - Very High | | | | |
| COLOUR | Black (RAL 9011) | | | | |
| UV PROTECTION | VERY HIGH | | | | |
| DIELECTRIC STRENGTH | 15 - 23 KV/MM (SPLIT NOT FACTORED) | | | | |
| TEMPERATURE RANGE | NEG 50 TO POS 70 C | | | | |
| FIRE RATING (UL 94) | HB (NON-FLAME PROPAGATING) | | | | |
| WARRANTY | 10 YEARS | | | | |
| REPLACE | AT 15 YEARS | | | | |
| MATERIAL | HDPE (HIGH-DENSITY POLYETHYLENE) | | | | |
| CUSTOM SIZES AVAILABLE | YES | | | | |
| MADE IN AUSTRALIA | YES | | | | |
| RODENT REPELLENT | NON-ATTRACTING | | | | |
| RODENT / BIRD CHEW RESISTANCE | Med - High | | | | |
| GROUND CONTACT RATED | Above Ground | | | | |
| TERMITE RESISTANCE | YES | | | | |
| CHEMICAL RESISTANCE | Salt, Weak Acid, Alcohol, Oil, Grease & Some Solvents | | | | |
| ROHS COMPLIANCE | Yes, Lead Free & Heavy Metals Free | | | | |

NOTES

SPLIT CONDUIT / DUCT

Data Sheet

| SPLIT CORRUGATED TUBE (CONTINUED) | | | | | |
|-------------------------------------|---|----------------------|----------------------|----------------------|----------------------|
| PART NUMBER (SPECIAL SIZES) | CSE-SPLIT-FC-20/25MM | CSE-SPLIT-FC-23/27MM | CSE-SPLIT-FC-29/33MM | CSE-SPLIT-FC-36/42MM | CSE-SPLIT-FC-48/54mm |
| SUITS STANDARD COMPRESSION FITTINGS | CSE-WTF-M25-25.0 | Contact Us | CSE-WTF-M32-34.5 | CSE-WTF-M40-42.5 | CSE-WTF-M50-54.5 |
| SIZE | 25mm | 27mm | 33mm | 42mm | 54mm |
| CUSTOM ROLL LENGTH AVAILABLE | Yes | | | | |
| AVAILABILITY | Special Order Only | | | | |
| OUTSIDE DIAMETER (OD) | 25mm (+/- 0.3mm) | 27mm (+/- 0.4mm) | 33mm (+/- 0.4mm) | 42mm (+/- 0.4mm) | 54mm (+/- 0.5mm) |
| INSIDE DIAMETER (ID) | 20mm (+/- 0.3mm) | 23mm (+/- 0.4mm) | 29mm (+/- 0.4mm) | 36mm (+/- 0.4mm) | 48mm (+/- 0.5mm) |
| SUITS | Tracking Solar & Other Non-Static Outdoor Use | | | | |
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| WARRANTY | 10 YEARS | | | | |
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NON-SPLIT CONDUIT / DUCT

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- Extremely Flexible
- Long fatigue life
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| SIZE | | | PART NO. |
|---------|------|----------------------|---------------------|
| 5mm ID | 8mm | OD ordered per Meter | CSE-HDPE-FC-5/8mm |
| 7mm ID | 10mm | OD ordered per Meter | CSE-HDPE-FC-7/10mm |
| 10mm ID | 13mm | OD ordered per Meter | CSE-HDPE-FC-10/13mm |
| 13mm ID | 16mm | OD ordered per Meter | CSE-HDPE-FC-13/16mm |
| 16mm ID | 20mm | OD ordered per Meter | CSE-HDPE-FC-16/20mm |
| 20mm ID | 25mm | OD ordered per Meter | CSE-HDPE-FC-20/25mm |
| 23mm ID | 27mm | OD ordered per Meter | CSE-HDPE-FC-23/27mm |
| 29mm ID | 33mm | OD ordered per Meter | CSE-HDPE-FC-29/33mm |
| 36mm ID | 42mm | OD ordered per Meter | CSE-HDPE-FC-36/42mm |
| 48mm ID | 54mm | OD ordered per Meter | CSE-HDPE-FC-48/54mm |

NON-FLAME PROPAGATING

LOW SMOKE

-50 ~ 70°C TEMP RANGE

EXCEPTIONAL FLEXIBILITY

DESIGN FOR PV

UV STABILIZED

AUSTRALIAN MADE

WATERPROOF

NON-SPLIT CONDUIT / DUCT

Data Sheet

| HDPE CORRUGATED TUBE | | | | | |
|-------------------------------------|---|--------------------|---------------------|---------------------|---------------------|
| PART NUMBER (SPECIAL SIZES) | CSE-HDPE-FC-5/8MM | CSE-HDPE-FC-7/10MM | CSE-HDPE-FC-10/13MM | CSE-HDPE-FC-13/16MM | CSE-HDPE-FC-16/20mm |
| SUITS STANDARD COMPRESSION FITTINGS | Contact Us | | | | CSE-WTF-M20-21.2 |
| SIZE | 8mm | 10mm | 13mm | 16mm | 20mm |
| CUSTOM ROLL LENGTH AVAILABLE | Yes | | | | |
| AVAILABILITY | Special Order Only | | | | |
| OUTSIDE DIAMETER (OD) | 8mm (+/- 0.2mm) | 10mm (+/- 0.2mm) | 13mm (+/- 0.2mm) | 16mm (+/- 0.2mm) | 20mm (+/- 0.3mm) |
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| COLOUR | Black (RAL 9011) | | | | |
| UV PROTECTION | VERY HIGH | | | | |
| DIELECTRIC STRENGTH | 15 - 23 KV/MM | | | | |
| TEMPERATURE RANGE | NEG 50 TO POS 70 C | | | | |
| IP RATING | IP66, IP67 & IP68 | | | | |
| FIRE RATING (UL 94) | HB (NON-FLAME PROPAGATING) | | | | |
| WARRANTY | 10 YEARS | | | | |
| REPLACE | AT 15 YEARS | | | | |
| MATERIAL | HDPE (HIGH-DENSITY POLYETHYLENE) | | | | |
| CUSTOM SIZES AVAILABLE | YES | | | | |
| MADE IN AUSTRALIA | YES | | | | |
| RODENT REPELLENT | Non-Attracting | | | | |
| RODENT / BIRD CHEW RESISTANCE | Med - High | | | | |
| GROUND CONTACT RATED | ABOVE GROUND | | | | |
| TERMITE RESISTANCE | Yes | | | | |
| CHEMICAL RESISTANCE | Salt, Weak Acid, Alcohol, Oil, Grease & Some Solvents | | | | |
| ROHS COMPLIANCE | Yes, Lead Free & Heavy Metals Free | | | | |

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NON-SPLIT CONDUIT / DUCT

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| SUITS STANDARD COMPRESSION FITTINGS | CSE-WTF-M25-25.0 | Contact Us | CSE-WTF-M32-34.5 | CSE-WTF-M40-42.5 | CSE-WTF-M50-54.5 |
| SIZE | 25mm | 27mm | 33mm | 42mm | 54mm |
| CUSTOM ROLL LENGTH AVAILABLE | Yes | | | | |
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ENERGY

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