CHEMTUFF ORDINARY DUTY OD SERIES

Ultra Performance Flexible Rubber Cable 250/440V 90°C

APPLICATIONS:

Chemtuff Used in applications that require a greater resistance to chemicals, solvents, oils and fats.

Extension Leads Used on construction sites due to its outstanding flexibility and excellent coiling characteristics in cold conditions.

Power For machine tools, construction and engineering equipment and conveyers.

PRODUCT FEATURES:

▶ UV stabilised
▶ Flame retardant
▶ Extremely flexible
▶ Water and moisture resistant
▶ Suitable for permanent submersion to 200 metres
▶ Heat, oil and chemical resistant *(See Technical Section)*

CONSTRUCTION:

Conductor Annealed plain copper stranded extreme flexibility (Class 5 & 6).
Insulation SPVC V-90.
Sheath SER105.

CHARACTERISTICS:

Operating Temperature Range Fixed -20°C to 90°C / Flexing -5°C to 75°C.
Maximum Conductor Temperature 90°C (Current ratings are based on 30°C air temp. See technical section for de-rating factors).
Rated Voltage Uo/U 250/440v.
Max AC Operating Voltage Uo 318v.
Minimum Bending Radius Fixed 5 x cable diameter / Flexing 6 x cable diameter.
Sheath Colour Black, Orange (Blue, Yellow in 3 x 1.5mm only. Subject to availability).
Standard Core Colour
2 Core – Blue, Brown.
3 Core – Blue, Brown, Green/Yellow.
4 Core – Grey, Brown, Black, Green/Yellow.
Relevant Standards AS/NZS 3191, IEC 60227, IEC 60332-1, AS/NZS 3808, AS/NZS 3008, *RoHS* Compliant.

Code	No. of Cores x Size (mm²)	Approx. Stranding No. of wires x mm	Approx. Overall Diameter (mm)	Approx. Weight (Kg/Km)	Nominal Amps un-enclosed protected from sun @ 30°C fixed application Touching		3 Phase Volt Drop @50Hz / MAX. Conductor Temp: 90°C (Mv/Am)
OD2/1.0	2 x 1.0	32/0.20	6.8	70	10		46.800
OD3/1.0	3 x 1.0	32/0.20	7.4	80	10		46.800
OD3/1.5	3 x 1.5	48/0.20	8.4	105	16		30.000
OD3/2.5	3 x 2.5	80/0.20	10.0	160	20		16.400
OD4/1.0	4 x 1.0	32/0.20	8.0	100	10		46.800
OD4/1.5	4 x 1.5	48/0.20	9.2	130	16		30.000
OD4/2.5	4 x 2.5	80/0.20	11.2	200	20		16.400