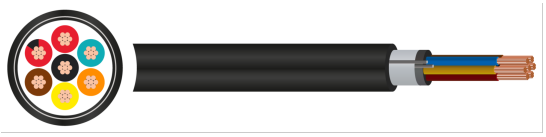
TFN Screened Cable AWG16-AWG 18



Description

TFN cables are specifically manufactured for the petrochemical and oil, gas, and petrochemical industries, where resistance to aliphatic and aromatic hydrocarbons is essential. These cables are suitable for installation in Class I, Division 2 hazardous locations, defined as "areas where flammable gases or vapours may be present under abnormal conditions, but are not normally encountered during standard operations". For correct installation, TFN cables must be used with approved explosion-proof terminations and cable accessories.

TFN screened cables have copper conductors insulated with flame-retardant PVC and a nylon binder tape. The cable has an aluminium tape foil to prevent electromagnetic interference combined with a tinned copper drain wire, for signal integrity. The cables have a UV-resistant PVC outer sheath.

TFN cables are approved for use in wet or dry locations and are engineered to meet the rigorous demands of the oil industry,. They are suitable for installation in trays, wireways, ducts, conduits, aerial applications with proper support, and are fully approved for direct burial.

Key Features

Standards

- UL 1277
- ICEA S-73-532
- UL 66

Construction

Training & Testing Lab

AN ISO/IEC 17025 ACCREDITED FACILITY

Cleveland Cable Test & Training Lab
Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing.

ISO/IEC 17025 Accredited Testing Laboratory

CPR
Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.

Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.

ecovadis
Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

TFN Screened Cable AWG16-AWG 18 - Dimensions

Reference	AWG Stranding	No Of Cores	Sheath Thickness (mm)	Overall Diameter(mm)	Weight(Kg/Km)
TFMCUPVC2X16AWG	AWG 16 (18x29)	2	1.15	7.60	76
TFMCUPVC2X18AWG	AWG 18 (16x30)	2	1.15	7.15	47
TFMCUPVC3X16AWG	AWG 16 (18x29)	3	1.15	8.0	100
TFMCUPVC3X18AWG	AWG 18 (16x30)	3	1.15	7.50	73
TFMCUPVC4X16AWG	AWG 16 (18x29)	4	1.15	8.65	119
TFMCUPVC4X18AWG	AWG 18 (16x30)	4	1.15	8.10	86
TFMCUPVC5X16AWG	AWG 16 (18x29)	5	1.15	9.40	145
TFMCUPVC5X18AWG	AWG 18 (16x30)	5	1.15	8.75	110
TFMCUPVC6X16AWG	AWG 16 (18x29)	6	1.15	10.20	170
TFMCUPVC6X18AWG	AWG 18 (16x30)	6	1.15	9.45	125
TFMCUPVC7X16AWG	AWG 16 (18x29)	7	1.15	10.15	182
TFMCUPVC7X18AWG	AWG 18 (16x30)	7	1.15	9.50	140
TFMCUPVC8X16AWG	AWG 16 (18x29)	8	1.15	11.15	205
TFMCUPVC8X18AWG	AWG 18 (16x30)	8	1.15	10.30	150
TFMCUPVC9X16AWG	AWG 16 (18x29)	9	1.15	11.90	225
TFMCUPVC9X18AWG	AWG 18 (16x30)	9	1.15	11.15	170
TFMCUPVC10X16AWG	AWG 16 (18x29)	10	1.15	12.65	240
TFMCUPVC10X18AWG	AWG 18 (16x30)	10	1.15	11.70	190
TFMCUPVC11X16AWG	AWG 16 (18x29)	11	1.15	12.95	260
TFMCUPVC11X18AWG	AWG 18 (16x30)	11	1.15	11.92	195
TFMCUPVC12X16AWG	AWG 16 (18x29)	12	1.55	14.00	280
TFMCUPVC12X18AWG	AWG 18 (16x30)	12	1.15	12.20	205
TFMCUPVC13X16AWG	AWG 16 (18x29)	13	1.55	14.20	320
TFMCUPVC13X18AWG	AWG 18 (16x30)	13	1.15	12.40	216
TFMCUPVC14X16AWG	AWG 16 (18x29)	14	1.55	14.65	345
TFMCUPVC14X18AWG	AWG 18 (16x30)	14	1.15	12.80	290
TFMCUPVC15X16AWG	AWG 16 (18x29)	15	1.55	15.00	450
TFMCUPVC15X18AWG	AWG 18 (16x30)	15	1.15	13.10	322
TFMCUPVC20X16AWG	AWG 16 (18x29)	20	1.55	16.60	465
TFMCUPVC20X18AWG	AWG 18 (16x30)	20	1.55	15.40	330
TFMCUPVC25X16AWG	AWG 16 (18x29)	25	1.55	18.50	565
TFMCUPVC25X18AWG	AWG 18 (16x30)	25	1.55	17.00	420
TFMCUPVC30X16AWG	AWG 16 (18x29)	30	1.55	19.70	655
TFMCUPVC30X18AWG	AWG 18 (16x30)	30	1.55	18.15	475
TFMCUPVC37X16AWG	AWG 16 (18x29)	37	2.05	22.50	850
TFMCUPVC37X18AWG	AWG 18 (16x30)	37	1.55	19.50	585
TFMCUPVC40X16AWG	AWG 16 (18x29)	40	2.05	23.00	900
TFMCUPVC40X18AWG	AWG 18 (16x30)	40	1.55	20.20	610

Reference	AWG Stranding	No Of Cores	Sheath Thickness (mm)	Overall Diameter(mm)	Weight(Kg/Km)
TFMCUPVC45X16AWG	AWG 16 (18x29)	45	2.05	24.25	1000
TFMCUPVC45X18AWG	AWG 18 (16x30)	45	2.05	22.35	675
TFMCUPVC50X16AWG	AWG 16 (18x29)	50	2.05	25.15	1110
TFMCUPVC50X18AWG	AWG 18 (16x30)	50	2.05	23.15	785

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.