



Siechem Automotive Engine Harness Wire ISO 6722 T4 Class D

Application

- ✓ For use in automotive engine compartment to withstand excessive heat and to give protection from engine fluids.

Features

- ✓ High temperature resistance
- ✓ Electron Beam Cross Linked
- ✓ Class D Compliant
- ✓ Available in twisted pairs and triples
- ✓ Thin wall designs
- ✓ Excellent oil resistance at high temperature
- ✓ T4 Rated (4000 hrs @ 150°C)
- ✓ Designed for 150°C continuous use.
- ✓ Flame Retardant
- ✓ Mechanically Robust
- ✓ Abrasion resistant

Product Construction

- ✓ Conductor : Soft-annealed electrolytic copper construction
- ✓ Insulation : EBXL special polymer uni sheathed
- ✓ Colour : As per customer order.
- ✓ Single core, Single layer.

Technical Data

- ✓ Temperature Range : - 40°C to +150°C (ISO 6722-1 T4 Class D)
- ✓ Voltage : 60 V
- ✓ Structure A : 0.35 Sq.mm to 2.5 Sq.mm
- ✓ Structure B : 4 Sq.mm to 10 Sq.mm
- ✓ Thermal Life, Heat Shock, Shrinkage, Ozone Resistance, Volume Resistivity etc as per ISO 6722-1.
- ✓ Hot oil (ASTM1) : No breakdown at 1kV
- ✓ Battery Acid Resistance : <1% swell
- ✓ Auto Transmission Fluid (Dexon III)
- ✓ Hydrolysis : Pass (35 days, 85°C, 48V)
- ✓ Salt spray test as per ASTM B 117-73
- ✓ Specifications : ISO 6722
BMW GS.95
VW 60306
FORD, WSK - 1A348-A4
FIAT 9 91107

Automotive Cables T4 Class D

ISO 9001	ISO 14001	IATF 16949	AS 9100	ISO 45001	IRIS TM Certification

Part Number	Conductor Construction				Insulation Wall Thickness Nom.	Cable			Current Carrying Capacity	Max. Conductor Resistance at 20°C	
	Nominal Cross-Section	No. of Strands	Diameter of Single wire max.	Conductor Diameter Max.		Overall Diameter					Weight Approx.
						Min.	Nom.	Max.			
	mm ²	nos.	mm	mm	mm	mm	mm	kg/km	Amps	Ω/km	
A70005XX *	0.35	7	0.27	0.80	0.25	1.20	1.30	1.40	5	13	54.4
CA70006XX	0.5	7	0.32	1.00	0.30	1.40	1.50	1.60	7	16	37.1
A70006XX	0.5	19	0.19	1.00	0.30	1.40	1.50	1.60	7	16	37.1
A70008XX	0.75	19	0.24	1.20	0.35	1.70	1.80	1.90	9	21	24.7
A70010XX	1	19	0.27	1.35	0.35	1.90	2.00	2.10	11	25	18.5
A70013XX	1.5	19	0.33	1.70	0.35	2.20	2.30	2.40	17	33	12.7
A70016XX	2.5	19	0.41	2.15	0.35	2.70	2.90	3.00	27	46	7.60
A70019XX	4	56	0.31	2.50	0.40	3.40	3.50	3.70	43	62	4.71
A70023XX	6	84	0.31	2.95	0.40	4.00	4.20	4.30	62	81	3.14
A70027XX	10	80	0.41	4.50	0.60	5.30	5.80	6.00	108	118	1.82
A70028XX	16	126	0.41	5.80	0.65	6.40	6.80	7.20	177	160	1.16

Note : XX* : Please add last two digits in the part number as per the colour code given hereunder replacing XX while ordering.

Red-01	Yellow-02	Blue-03	Black-04	Green-05	Grey-07	Brown-08	White-09	Orange-10	Violet-11	Chocolate-12	Tan-13	Charcoal-14	LT Blue-15	DK Grey-16
LT Green-17	DK Green-18	DK Blue-19	Purple-20	Pink-21	Blue-Black-30	Blue-Yellow-32	Blue-Green-33	Black-White-40	Black-Yellow-41	Green-Black-42	Green-Red-43	Grey-Red-47	Grey-Blue-50	Brown-Yellow-57
Orange-Grey-68	Orange-Green-71	Violet-Green-77	Pink-Black-79	Yellow-Black-96	Yellow-Orange-98	Blue-White-A02	Green-White-A04	Blue-Orange-A14	Black-Grey-A16	Pink-Green-A20	Green-Pink-A28	Green-Violet-A35		

- ✓ Current carrying capacity given is for the maximum conductor operating of 150° C and ambient air temperature of 40°C.
- ✓ * Other length as per Customer order.

Note : All the conductors are Flexible



Siechem Wires & Cables Meet EU RoHS Directive

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