



Siechem Class B Anti-capillary Wires

Application

- ✓ Anti capillary effect of high pressure hot oil Leaks from Air condition compressors to circuit boards.
- ✓ These wires protects the vital sensors in automobiles electronic devices in automobiles by preventing the flow of liquids and fluids.
- ✓ This replaces the conventional usage of expensive water blocking and water proof materials.

Features

- ✓ Electron beam cross linked.
- ✓ Does not drip and soldering iron resistant
- ✓ Barrier- Sealed.
- ✓ High and low temperature resistance.
- ✓ Ozone and weathering resistance.
- ✓ Resistance to pressure at high temperature.
- ✓ Insulation is resistant to most of the oils used in 2 wheelers, passenger cars, trucks and oil leaks from AC compressors.
- ✓ Flame retardant.
- ✓ Abrasion resistance.
- ✓ Fluid block resistance.

Product Construction

- ✓ Conductor : Annealed Plain (or) Tinned Copper Conductor
- ✓ Insulation : PVC 105°C
- ✓ Colour : As per customer order.
- ✓ Single core, Single layer.

Technical Data

- ✓ Temperature Range : - 40°C to +105°C (ISO 6722)
- ✓ Voltage : 60 V DC
- ✓ Thermal Life, Heat Shock, Shrinkage, Ozone Resistance, Volume Resistivity etc as per ISO 6722.
- ✓ Hot oil (ASTM1) : No breakdown at 1kV
- ✓ Battery Acid Resistance : <1% swell
- ✓ Auto Transmission Fluid (Dexon III) : No breakdown at 1kV
- ✓ Hydrolysis : Pass (35 days, 85°C, 48V)
- ✓ Salt spray test as per ASTM B 117-73 : Satisfactory
- ✓ Specifications : ISO 6722
- ✓ Meets customer specific pressure test against water and different fluids, solvents, oil etc.

Automotive Cables Anti-capillary

Approvals	Accreditations	Certifications

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.			
B89505XX *	mm ²	nos.	mm	mm	mm	mm	mm	kg/km	Amps	Ω/km	
B89506XX	0.35	7	0.27	0.80	0.35	1.20	1.30	1.40	5	10	54.4
B89508XX	0.5	19	0.19	1.00	0.35	1.40	1.50	1.60	7	12	37.1
B89510XX	0.75	19	0.24	1.20	0.35	1.70	1.80	1.90	9	19	24.7
B89513XX	1	19	0.27	1.35	0.35	1.90	2.00	2.10	11	21	18.5
B89514XX	1.5	19	0.33	1.70	0.35	2.20	2.30	2.40	17	27	12.7
B89516XX	2	19	0.38	1.86	0.35	2.50	2.65	2.80	22	33	9.42
B89519XX	2.5	19	0.41	2.15	0.35	2.70	2.90	3.00	27	38	7.60
B89523XX	4	19	0.55	2.50	0.40	3.40	3.50	3.70	43	51	4.71
B89523XX	6	19	0.67	2.95	0.40	4.00	4.20	4.30	62	66	3.10

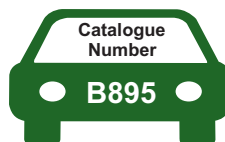
Note : XX* : Please add last two digits in the part number as per the colour code given hereunder replacing XX while ordering.

Red - 01	Yellow - 02	Blue - 03	Black - 04	Green - 05	Yellow-Green - 06	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	

✓ 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.

** We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog.



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