

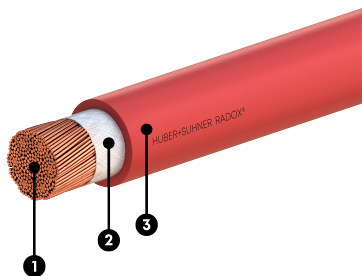
RADOX Elastomer S (FLR13X and FHLR13X)
Automotive cable, flexible

Properties

- Excellent resistance to :
- High & low temperature
- Ozone, UV and weathering resistance
- Resistant to pressure at high temperature.
- Motor oil, fuels & hydrolysis
- Flame retardant, high abrasion resistant and solder iron resistant
- Easy to strip and to process
- Design according to ISO 19642-5 (structure B), ADR and ECER118 approved
- Complies with EU- directive 2000/53/EG on end of life vehicles.
- All materials are free from lead, mercury, cadmium, PFAS and chrome VI.

Application

Cable, for use in on-road & off-road vehicle applications



Construction		
1.	Conductor	Stranded bare copper, acc. to ISO 19642-5 (Structure B)
2.	Coverage	Tape
3.	Insulation	RADOX Elastomer S (REMS) extruded irradiation crosslinked copolymer
	Colours	Various

Marking		
HUBER+SUHNER RADOX [a]-[b][c]		
		example:
[a]	Part number	12345678
[b]	Batch number	1234567

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Marking

[c]	Production week-year	12-2022
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Mechanical data

Temperature range (3000h)	-40 °C ... +150°C
Min. bending radius fixed	3 x D
Min. bending radius flexing	5 x D

Core Size [mm ²]	Conductor Type nom. [nxmm]	Ø max. [mm]	R ₂₀ max. [Ω/km]	Wall Thickness min. [mm]	Cable Ø nom. [mm]	Cable weight Tolerance ±3% nom. [kg/100m]	Colours	H+S Part No.
1x16	126x0.41	5.4	1.16	0.52	6.9±0.2	16.7	Black	85084956
1x16	126x0.41	5.4	1.16	0.52	6.9±0.2	16.7	Red	85084957
1x20	154x0.41	6.2	0.955	0.52	7.6±0.2	20.2	Black	84091722
1x20	154x0.41	6.2	0.955	0.52	7.6±0.2	20.2	Red	84091721
1x25	189x0.41	6.7	0.743	0.55	8.2±0.2	24.5	Black	85084958
1x25	189x0.41	6.7	0.743	0.55	8.2±0.2	24.5	Red	85084959
1x35	273x0.41	7.9	0.527	0.65	9.7±0.25	35.4	Black	85084962
1x35	273x0.41	7.9	0.527	0.65	9.7±0.25	35.4	Red	85084963
1x50	385x0.41	9.4	0.368	0.8	11.5±0.25	49.8	Black	85084964
1x50	385x0.41	9.4	0.368	0.8	11.5±0.25	49.8	Red	85084966
1x70	360x0.51	11.6	0.259	0.8	13.7±0.25	70.4	Black	85085015
1x70	360x0.51	11.6	0.259	0.8	13.7±0.25	70.4	Red	85085016
1x95	480x0.51	13.5	0.196	0.9	16.25±0.3	95	Black	12568836
1x95	480x0.51	13.5	0.196	0.9	16.25±0.3	95	Red	84150540
1x120	589x0.51	15.1	0.153	0.9	18±0.3	115.9	Black	85085017
1x120	589x0.51	15.1	0.153	0.9	18±0.3	115.9	Red	85085018

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