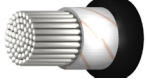


Hi-Flex™

TPS 125 XL insulated power cores for flexible use
Intended for military automotive applications



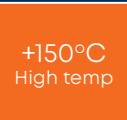



Order reference		Core				Finished wire				Electrical		
		Tin Plated Copper (TPC)				Roctech / TPS 125 XL			Weight	DC resistance	DC current rating In free air at 30°C	Voltage
		Size		Stranding	Conductor	Insulation	Tolerance					
Description (NSN - if applicable)	Article Number	AWG	mm ²	# x mm	Nom ∅	Nom ∅	Min ∅	Max ∅	Nom g/m	Ω/km	Amps	V AC U ₀ /U
Hi-Flex 1.0	903cc0100	-	1.0	Class 5	1.20	2.50	2.35	2.70	15	20.0	30	300/500
Hi-Flex 1.5	903cc0150	-	1.5	Class 5	1.50	2.85	2.70	3.00	21	13.7	39	
Hi-Flex 2.5	903cc0250	-	2.5	Class 5	1.95	3.45	3.30	3.60	32	8.21	55	
Hi-Flex 4	903cc0400	-	4.0	Class 5	2.50	4.25	4.10	4.40	49	5.09	73	
Hi-Flex 6	903cc0600	-	6.0	Class 6	3.60	4.85	4.60	5.00	65	3.39	98	
Hi-Flex 10	903cc1000	-	10	Class 6	4.55	6.00	5.80	6.50	105	1.95	138	
Hi-Flex 16	903cc1600	-	16	Class 6	5.70	7.70	7.45	8.30	170	1.24	185	600/1000
Hi-Flex 25	903cc2500	-	25	Class 6	7.20	9.50	9.20	10.40	255	0.795	250	
Hi-Flex 35	903cc3500	-	35	Class 6	8.40	11.15	10.70	11.60	420	0.565	312	
Hi-Flex 50	903cc5000	-	50	Class 6	10.30	12.95	12.45	13.50	510	0.393	395	
Hi-Flex 70	903cc7000	-	70	Class 6	12.40	14.80	14.30	15.50	700	0.277	496	
Hi-Flex 95	903cc9500	-	95	Class 6	14.30	17.05	16.50	18.00	940	0.210	599	
Hi-Flex 120	903cc9120	-	120	Class 6	16.00	19.30	18.90	19.70	1,180	0.164	713	
Hi-Flex 150	903cc9150	-	150	Class 6	18.00	20.80	20.20	21.40	1,465	0.132	811	
Hi-Flex 185	903cc9185	-	185	Class 6	20.00	23.30	22.30	24.30	1,820	0.105	921	
Hi-Flex 240	903cc9240	-	240	Class 6	23.00	27.75	26.75	28.75	2,465	0.080	1,115	
Hi-Flex 300	903cc9300	-	300	Class 6	26.00	30.70	29.45	31.95	2,990	0.060	1,296	
Hi-Flex 400	903cc9400	-	400	Class 6	30.00	36.30	35.05	37.55	4,145	0.048	1,554	
Description (NSN - if applicable)	Article Number	AWG	mm ²	# x mm	Nom ∅	Nom ∅	Min ∅	Max ∅	Nom g/m	Ω/km	Amps	V AC U ₀ /U
Hi-Flex 6 1000	910cc0600	-	6.0	Class 6	3.60	6.00	5.85	6.15	77	3.39	98	1000/1900
Hi-Flex 10 1000	910cc1000	-	10	Class 6	4.55	7.20	7.00	7.40	120	1.95	138	
Hi-Flex 16 1000	910cc1600	-	16	Class 6	5.70	8.60	8.35	8.85	189	1.24	185	
Hi-Flex 25 1000	910cc2500	-	25	Class 6	7.20	10.30	10.00	10.60	275	0.795	250	
Hi-Flex 35 1000	910cc3500	-	35	Class 6	8.40	11.85	11.40	12.30	380	0.565	312	
Hi-Flex 50 1000	910cc5000	-	50	Class 6	10.30	13.65	13.15	14.15	525	0.393	395	
Hi-Flex 70 1000	910cc7000	-	70	Class 6	12.40	15.50	15.00	16.00	719	0.277	496	
Hi-Flex 95 1000	910cc9500	-	95	Class 6	14.30	17.80	17.25	18.35	962	0.210	599	

Core identification: Replace 'cc' in the article number with 2 digits below to select from available colours

00 Black	-	-	-	-	-	-	-	-	-	-	-
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Marking Habia Cable - Article No. - Year-Week - Batch code

Characteristics and key properties

	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU		
					

DISCLAIMER: Information is indicative and cannot be considered a binding representation or warranty for products and their use.
Valid at the time of publication, it is subject to change without notice. Data indicates nominal values in millimetres (mm) unless otherwise stated.