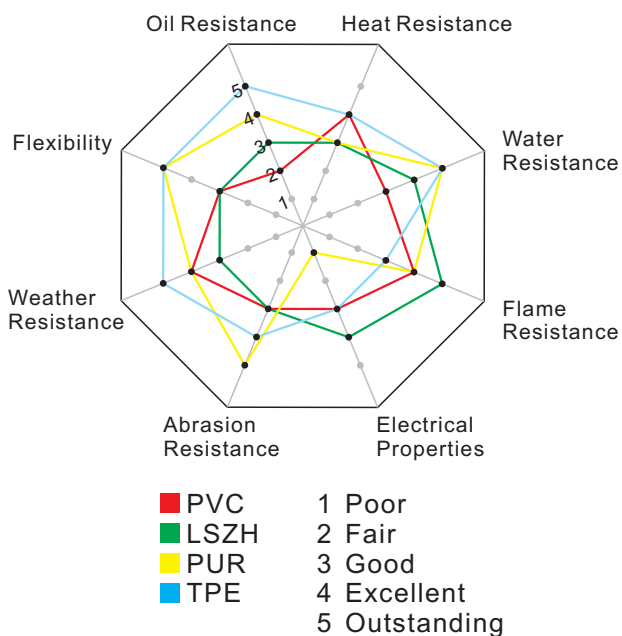


Characteristics of insulation and sheath materials for drag chain cable

Characteristics		PVC	PUR	TPE
Temperature		-20°C ~ +105 °C	-55°C ~ +80 °C	-50°C ~ +100 °C
Corrosion resistance		medium	very good	good
Abrasion resistance		good	very good	good
Halogen free		no	yes	yes
Weather	Weather resistance	medium in black	very good	very good
	Cold resistance	moderate	very good	very good
Resistance	Oil resistant	medium	good	very good
	Jacket flame retardant	yes	yes	yes
	Coolant	no	yes	no
Max. movement distance		100 m	450 m	450 m
Min. bending radius		7.5 x cable dia.	7.5 x cable dia.	5.0 x cable dia.
Max. speed		5 m/s	5 m/s	5 m/s
Max. acceleration		50 m/s ²	50 m/s	50 m/s
Endurance (cycles for reference)		5 Million	10 Million	10 Million
Flexibility		medium	very good	very good

Characteristics Chart of Sheath Materials



Characteristics Chart of Insulation Materials

