

Heavy Duty Spiral Wrap

High Density Polyethylene Copolymers

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DESCRIPTION

Heavy duty, high density polyethylene spiral wrap designed for applications requiring excellent protection of electrical cable, hydraulic hose, air and gas lines. Highly resistant to abrasions and chemicals with a good UV stability. Able to withstand high and low temperatures. ISO 6805 Approved.

TECHNICAL SPECIFICATIONS

Operating Temperature	• -100°C to 100°C	Material	• High density polyethylene copolymers
UV resistance	• Yes	Approvals	• EN ISO 6805

Physical Specifications

Physical Properties	Unit	Testing Method	Value
Melt Flow Rate	g/10 min	ASTM D 1238	0.40
Density	g/cm ³	ASTM D 1505	0.958
Tensile Strength at Yield	kg./cm ²	ASTM D 638	280
Tensile Strength at Break	kg./cm ²	ASTM D 638	320
Elongation at Break	%	ASTM D 638	>500
Olsen Stiffness	kg./cm ²	ASTM D 747	11000
Izod Impact Strength	kg.-cm/cm	ASTM D 256	12
Hardness, Shore D	-	ASTM D 2240	64
Environmental Stress Cracking Resistance	F50, hr	ASTM D 1693	600
Melting Point	°C	ASTM D 2117	132
Vicat Softening Point	°C	ASTM D 1525	123
Brittleness Temperature	°C	ASTM D 746	<-60

Part Number.	Wrapping Range (mm)	OD Range (inch)	Spool Length
SGX12	9mm - 13mm	-	20 metres
SGX16	12mm - 17mm	1/2" - 5/8"	
SGX20	16mm - 22mm	5/8" - 7/8"	
SGX25	20mm - 28mm	7/8" - 1.1/16"	
SGX32	24mm - 33mm	1.1/16" - 1.1/4"	
SGX40	32mm - 42mm	1.1/4" - 1.5/8"	
SGX50	40mm - 54mm	1.5/8" - 2.1/8"	

