

SPIRAL WRAP RANGE HDPE heavy duty protective spiral

DESCRIPTION



Australian manufactured, high density polyethylene spiral sheathing designed for heavy duty protection in a wide range of industrial applications.

Mojak Spiral Wrap is designed for use in applications requiring protection of electrical cable, hydraulic hose, air and gas lines. The excellent durability of the wrap provides enhanced impact and abrasion resistance, safeguarding the integrity of the contents.

Mojak Spiral wrap has excellent chemical resistance, good UV stability, a long fatigue life and the ability to withstand high and low temperature extremes.

There are two versions available: a standard product line, plus a FRAS range of products designed specifically for applications requiring flame retardant anti-static properties. Mojak FRAS Spiral Wrap combines excellent conductive properties with a self-extinguishing V0 flammability rating.

Mojak Spiral Wrap is supplied in black. Custom colours are available on request. Alternative packing options are available, the range being supplied in a number of different spool formats and bulk octobins.

PROPERTIES

Dimensions

PART NO.	I.D.(mm)	WALL (mm)	WIDTH (mm)
MSW16	12 +/-0.5	2.25 +/-0.25	9.5 +/-0.5
MSW20	15 +/-0.5	2.5 +/-0.25	14.5 +/-0.5
MSW25	19 +/-0.5	2.75 +/-0.25	17.5 +/-0.5
MSW32	23 +/-0.5	3.5 +/-0.25	22 +/-0.5
MSW40	30.5 +/-0.5	4.25 +/-0.25	29 +/-1.0
MSW50	38 +/-0.5	4.25 +/-0.25	35 +/-1.0
MSW60	47 +/-0.5	5.5 +/-0.25	35 +/-1.0

Standard packaging

PART NO.	SPOOL LENGTH(m)
MSW16	50
MSW20	50
MSW25	20 & 50
MSW32	20 & 50
MSW40	20 & 50
MSW50	20
MSW60	20

Fitting guidelines

PART NO.	CABLE/HOSE O.D. RANGE (mm)
MSW16	12-17
MSW20	16-22
MSW25	20-28
MSW32	24-33
MSW40	32-42
MSW50	40-54
MSW60	52-65

Length requirement guideline

In applications requiring a tight fit, Mojak Spiral wrap will expand to fit the hose, tube or cable. Extra length of spiral wrap will be needed to recover the shortfall. This additional length can be estimated as follows:

$$\text{Actual length required} = (\text{Hose O.D.} \div \text{Spiral Wrap I.D.}) \times \text{Hose length}$$

Temperature Ratings

Minimum continuous operating temperature	-50°C
Maximum continuous operating temperature	+80°C
Minimum short term operating temperature	-65°C
Maximum peak/short term operating temperature	100°C

Flammability

Flame retardance, Mojak Standard Spiral Wrap	UL94 HB
Flame retardance, Mojak FRAS Spiral Wrap	UL94 V0 – Self-extinguishing

Chemical Resistance

Medium	Resistant	Non-resistant
Fuels/Automotive fluids		
Aliphatic hydrocarbons		•
Aromatic hydrocarbons		•
Oils/greases	•	
Brake/hydraulic fluid	•	
Organic solvents		
Esters		•
Ethers		•
Ketones		•
Acids		
Organic acids	•	
Inorganic acids	•	

This is a general guide only. Suitability for use should be determined by the end user in actual operating conditions.

RoHS Status

Mojak Spiral Wrap complies with the requirements of RoHS.