



Features/Applications

GREMFLEX® HAR is a self extinguishing, halogen free, Polyester multifilament, braided sleeve. GREMFLEX® HAR offers a continuous working temperatures of -50°C up to +150°C, an outstanding abrasion resistance and a tight construction to limit the movement on the hose. GREMFLEX® HAR is suitable for the protection of pipes, hoses and harnesses where high abrasion resistance characteristics are required. Used widely within the automotive sector.

Various

Standard colours: Black, other colours available on request.

Dimensions

Reference GREMFLEX® HAR	Recommended range of use (mm)
006,0	04 to 06
008,0	06 to 08
010,0	08 to 10
011,0	09 to 11
012,0	10 to 12
014,0	12 to 14
018,0	14 to 18
020,0	18 to 20

Cutting

GREMFLEX® HAR can be cut to length.

Packaging

Available in spool, coils or cut pieces (on request). Other packaging or diameter available upon request.

Property	Values	Test Methods	
Physical	Working temperature	-50°C to +150°C	
	Peak temperature	+175°C	
	Melting point	+250°C	
	Flammability	Self extinguishing	FMVSS 302
		Type B	D45 1333
	Smoke toxicity	Halogen free	-
	Abrasion resistance	CAT D	S21 5101 & D44 1959 PSA
Chemical	Fluid resistance	Unaffected by most chemicals	
		D47 1924	

