



High abrasion, multifilament Polyester braided sleeve





















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.



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.

Proper	Property Values		Test Methods
Physical	Working temperature	-50°C to +150°C	1000h @ 150°C
	Peak temperature	+175°C	-
	Melting point	+250°C	-
	Flammability -	Self extinguishing	FMVSS 302
		Туре В	D45 1333
	Smoke toxicity	Halogen free	-
	Abrasion resistance	CAT D	S21 5101 & D44 1959 PSA
Chemical	Fluid resistance	Unaffected by most chemicals	D47 1924





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Whilst every attempt is made to provide data that is as accurate as possible the values provided should be treated as a guide only. It remains the responsibility of the user to test the product and determine suitability. GREMTEK shall not be held responsible for any loss or defect resulting from incorrect, improper or inappropriate use of this product.