

# Expando HR Plus



Expando HR Plus is a braided Halar fluoropolymer sleeving designed for applications up to 150°C. Inherently flame retarded, it is UL recognised and meets VW-I requirements and will not melt or drip on direct exposure to flame. Expando HR Plus is particularly suitable for military and aerospace applications due to its wide temperature range and outstanding chemical resistance. Expando HR Plus is fray-resistant and can be cut with ordinary scissors.



## Technical Characteristics

Continuous operating temperature	-70°C to +150°C
Expansion ratio	1:3

## Part Numbering Information

Part No	Recommended application range (mm)		Weight (g/100m)
	min diameter	max diameter	
EXPANDO HR+ 3 - Colour	2	6	402
EXPANDO HR+ 6 - Colour	3	11	596
EXPANDO HR+ 13 - Colour	6	19	1790
EXPANDO HR+ 19 - Colour	12	32	2685
EXPANDO HR+ 32 - Colour	19	45	3431
EXPANDO HR+ 45 - Colour	32	70	5669

## Availability

Standard colours: Black with a white tracer (0/9)  
White with a black tracer (9/0)

Specifications: UL VW-I  
CSA file #LR52852  
F.A.R. Part 25  
NATO Codified

**Note:** Longitudinal shrinkage should be taken into account when utilising expansion properties of the sleeve