

HILFLEX XGR

Composition / Properties:

- HILFLEX XGR is an expandable E-glass sleeving coated with a high temperature resin.
- HILFLEX XGR is based upon a special braid construction which allows expansion of the internal bore by >250%.
- HILFLEX XGR can withstand continuous operation at elevated temperatures up to 220°C and short term temperature excursions up to 450°C.
- HILFLEX XGR exhibits excellent resistance to a wide range of automotive fluids and industrial solvents.
- HILFLEX XGR can readily be cut to size without edge fray or dusting.

Application:

- HILFLEX XGR can be employed in the build of cable harnesses where the bore expansion capability enables quick and easy fitting.
- HILFLEX XGR is utilised to protect components from both mechanical and thermal stresses in a wide range of automotive and other industrial applications.

Thermal Class 220 (Class C) according to IEC 60085

HILFLEX XGR Grade	Nominal Relaxed Bore (mm)	Maximum Expanded Bore (mm)	Nominal Wall Thickness (mm)	Electric Strength Relaxed Condition @ 20°C (V)	Colour
1	20	50	0.8	>500	Black
2	15	38	0.8	>500	Black
3	10	30	0.8	>500	Black
4	8	25	0.8	>500	Black
5	6	18	0.8	>500	Black
6	3	9	0.8	>500	Black
7	2	6	0.8	>500	Black
Availability					
XGR Grades 1, 2, 3 & 4		Supplied on 50m reels			
XGR Grades 5, 6 & 7		Supplied on 100m reels			

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