

Glass Cord

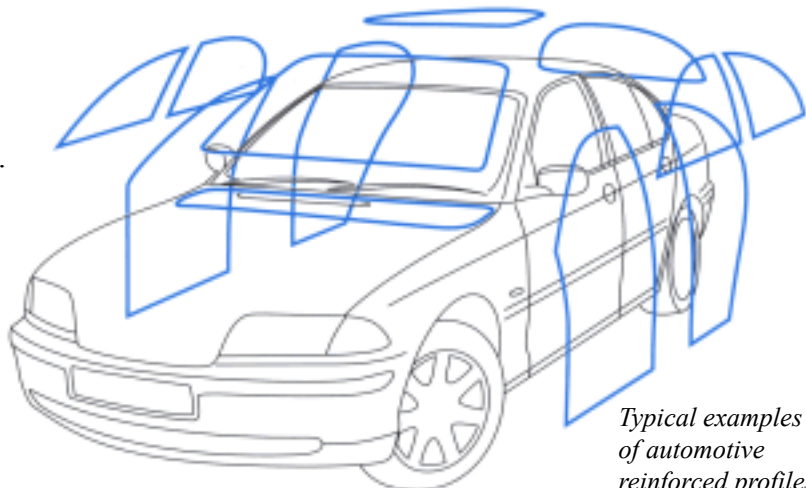
*for reinforcement of extruded profiles, hoses
and cable coverings*



A complete range of treated glass cords for the reinforcement of rubber and thermoplastic extruded profiles in automotive and building applications; rubber hoses and cable coverings.

Important Features of Glass Fibre

- Prevents Stretching
- Reduces Waste
- Allows on-line Cutting
- Improves Sealing
- Good Weathering Properties



*Typical examples
of automotive
reinforced profiles*



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Member of the Nippon Sheet Glass Group



Glass Cord: Nominal Physical Characteristics

Product Codes		Glass Cord Construction		Cord Weight g/1000m	Diameter mm	Tensile Strength kg	Elongation at break %	Application
S	Z	S or	Z Twist					
Cords manufactured by NGF EUROPE Limited								
93	103	EC9	68.1/2	163	0.34	12	2.5	Profile
90W	91W	EC9	110.1/3	390	0.53	26	2.8	Cable
118	119	EC9	110.1/7	950	0.85	55	2.8	Hose
110	111	EC9	140.1/3	520	0.63	33	2.8	Hose
310	311	EC11	330.1/0	400	0.49	26	2.8	Profile
Cords manufactured by NGF CANADA Limited								
A10-060402		EC10	330.1/0	400	0.5	26	2.8	Profile
A10-060431		EC10	330.1/0	400	0.5	26	2.8	Profile, TPE + PVC

All figures are nominal values

Notes

1. Cords are made with continuous E glass fibres
2. Tensile Strength: Values quoted are an indication of breaking strengths only, and do not take into account different cord cross - sectional areas.

Manufacture

Glass Cord is manufactured by the treatment of glass fibres with special resin/latex formulations. This treatment prevents inter-filament abrasion, increases product life; and provides a basis for a chemical bond between the glass fibres and a wide range of rubber compounds and thermoplastic elastomers.

Glass Cord is twisted and plied into constructions of uniform diameters, with smooth surfaces to allow easy introduction through dies into extruded products.

Full product specification leaflets are available on request from our Technical Advisory Service.

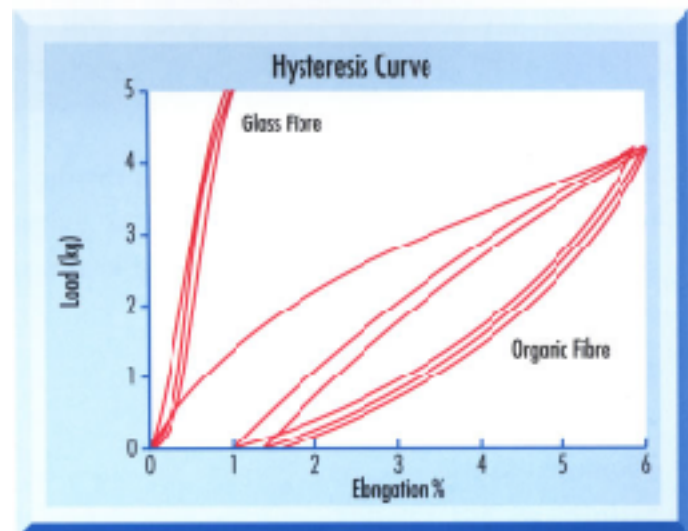
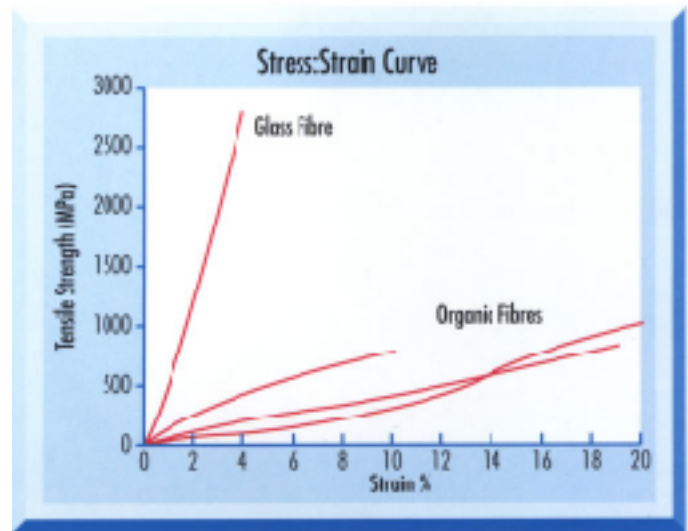
NGF EUROPE Limited holds BS EN ISO 9001:1994

Packaging

Glass Cord is wound on double-flanged plastic bobbins or precision - wound on cardboard tubes. **Glass Cord** products are sealed in black plastic packages for protection from light, with silica gel sachets for protection from moisture.

The packages are then packed in cardboard and palletised on wooden pallets. The loaded pallets are secured with strong plastic webbing, and are suitable for shipment by air, sea or road. Full packaging specifications can be supplied on request.

Typical Fibre Characteristics



Glass Fibre has excellent stress:strain properties compared to many other reinforcement media



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