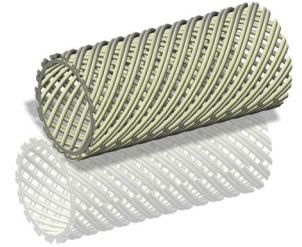


# Uncoated Fiberglass Sleeve



## NU-FLEX HTS

NU-FLEX HTS is a fiberglass braided sleeve that has been heat treated to remove all organic contaminants and then saturated with an acrylic binder.

This binds the fibers and provides excellent fray resistance avoiding skin irritation when cutting and handling. The acrylic binder can be dyed in many colors for code and identification purposes. The color binder may degrade at operating temperatures above 200°C.

NU-FLEX HTS is the ideal choice for high temperature applications running up to 600°C.

NU-FLEX HTS is available in two wall thicknesses construction: in a standard wall (**NU-FLEX HTS-520**) and in a 0.81 mm (.032") heavy wall (**NU-FLEX HTS-532**).

NU-FLEX HTS is used for high temperature and low voltage applications. Its expandability and flexibility enables it to slip over irregular shapes and electrical connections to provide effective thermal, mechanical and electrical protection.

NU-FLEX HTS it is then well suited for harsh environments in the automotive industry.



## Characteristics & Properties

**Colors:** standard colors are black, white, natural (silver-gray), red, orange, yellow, blue. Other colors upon request.

Physical properties	Value
Continuous temperature of use - min/max	-70°C / 600°C (-94°F / 1112°F)
Abrasion resistance (SAE ARP 1536)	12,000 cycles
Cut-through resistance	excellent
Flammability (FMVSS 302)	self-extinguishing
Surface flammability (ASTM E 162)*	pass
Toxic gas generation (Bombardier SMP 800-C)*	pass
Rate of smoke generation (ASTM E 662)*	pass
Chemical resistance	Resists the majority of chemicals and automotive fluids (oils, coolant, battery liquid, brake fluid, fuels, windshield washer...)

\* Specific to Nu-Flex HTS-520.

## Dimensions

The following designation is for the standard wall version. For heavy wall designation, replace the 520 portion by 532.

Other sizes can be proposed upon request.

Designation	Nominal Ø (mm)
NU-FLEX HTS-520 03	3
NU-FLEX HTS-520 04	4
NU-FLEX HTS-520 05	5
NU-FLEX HT-520 06	6
NU-FLEX HTS-520 07	7
NU-FLEX HT-520 08	8
NU-FLEX HT-520 10	10
NU-FLEX HT-520 11	11
NU-FLEX HT-520 13	13
NU-FLEX HT-520 14	14
NU-FLEX HT-520 16	16
NU-FLEX HT-520 19	19
NU-FLEX HT-520 22	22
NU-FLEX HT-520 25	25
NU-FLEX HT-520 29	29
NU-FLEX HT-520 32	32
NU-FLEX HT-520 38	38

## Approvals

- Direct: General Motors.
- Via Tier-1: Ford, Jaguar/Land Rover, Volvo Cars Corp.

## Packaging

NU-FLEX HTS is delivered in standard spools, bulk spools or in cut lengths upon request.

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