

DATACENTERS
PROTECTION SOLUTIONS
Industrial Market

Schlemmer



DATACENTERS

With the expansion of AI, cloud and many connected objects, datacenters have taken a major place in our daily lives. In order to protect this important flow of data, it is necessary to use appropriate cable management solutions. SCHLEMMER has developed a wide range of products that meet the strict requirements of these essential infrastructures.

OUR APPLICATIONS



MECHANICAL & ABRASION PROTECTION
Frictions between cables or with other components



FIRE RESISTANT PROTECTION
Improved flammability requirements for safety



THERMAL PROTECTION
Direct contact or risk of contact with high temperature sources



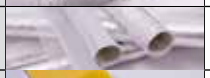
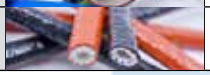
ELECTRICAL INSULATION
Insulation of electric cables



RADIANT HEAT PROTECTION
Heat radiations in high temperature environments





PRODUCT NAME	PHOTO	CONSTRUCTION	TEMPERATURE OF USE	FLAMMABILITY	APPLICATIONS*
MECHANICAL & ABRASION PROTECTION					
POLYFLEX CONVOLUTED TUBING		Standard convoluted tubing, slit or non slit, different profiles & materials available	up to -40/260°C	depending on material grade	
TWIN FLEX		Double C-shaped tubing locking into each other, different materials available	up to -40/135°C	depending on material grade	
LANGOFLEX PPS		PPS .010" (0.25mm) braided monofilament, high temperature applications	-40/200°C	self-ext.	
NU-GUARD SC2-P ADH		PET mono & mutlifilaments self-closing sleeving, medium abrasion protection, adhesive closure	-40/150°C	self-ext.	
WIRE ROUTING & FASTENING					
POLYFLEX ACCESSORIES		Branching, fastening, connecting or closure accessories for wire routing & fastening	up to -40/135°C	depending on material grade	
FIRE RESISTANT PROTECTION					
LANGOFLEX PET V0		UL94 V0 PET .010" (0.25mm) braided monofilament	-40/150°C	UL94 V0	
LANGOFLEX PET FR		Flame retardant PET .010" (0.25mm) braided monofilament	-40/150°C	UL94 V2	
NU-GUARD SC-P V0		UL94 V0 PET mono & mutlifilaments self-closing sleeving, high abrasion protection	-40/150°C	UL94 V0	
RADIANT HEAT PROTECTION					
NU-KOOL T-G/E		Tubular braided fiberglass sleeving with aluminized foil lamination	-40/200°C	self-ext.	
NU-KOOL SC-G		Self-closing knitted fiberglass sleeving & PET monofilaments with aluminized foil lamination	-40/150°C	self-ext.	
NU-SHIELD FG series		Woven fiberglass & aluminized foil lamination, with or without acrylic adhesive, heavy wall or lightweight	-40/225°C (FG) -40/175°C (FGA/FG2A)	self-ext.	
NU-SHIELD NW		Woven fiberglass, non-woven carbon fibers & aluminized foil lamination	up to 250°C	self-ext.	
ELECTRICAL INSULATION					
NU-SLEEVE SG-200		Silicone coated fiberglass braided sleeving, from Grade A to Grade C dielectric grades	-55/230°C	self-ext.	
NU-SLEEVE AG-155		Acrylic coated fiberglass braided sleeving, from Grade A to Grade C dielectric grades	-40/155°C	self-ext.	
THERMAL PROTECTION					
NU-FLEX HTS		Heat treated & saturated braided fiberglass sleeving	-70/600°C	self-ext.	
NU-SLEEVE SG-200		Silicone coated fiberglass braided sleeving, from Grade A to Grade C dielectric grades	-55/230°C	self-ext.	
NU-SLEEVE SG-200 HW		High temperature silicone coated on a thick fiberglass braided sleeving	-50/260°C	non-flammable	

* Mechanical & Abrasion Protection · Compression Resistance · Wire Routing & Fastening · Noise Reduction · Radiant Heat Protection · Thermal Protection · Electrical Insulation · Fire Resistant Protection

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SCHLEMMER is a global leader in delivering **advanced protection solutions**, specializing in cable management dedicated for demanding applications. With **our expertise in engineering highly resistant plastic & textile solutions** for robust cable protection, our products are designed to ensure safety, durability, and performance in critical areas exposed to their environment constraints. Our comprehensive product line supports **a wide range of applications adapted to the challenging infrastructures of datacenters** emphasizing our commitment to enhancing system integrity and operational efficiency.

SALES OFFICES



GERMANY | Hassfurt
Philipp-Reis-Straße. 18, 97437 Hassfurt, Germany



ITALY | Verona
Logistic Center, Loc. Vanzelle 3, 37010 Rivoli Veronese, Italy



FRANCE | Anteuil
Rue Emile Streit, 25340 Anteuil, France

www.schlemmer.com

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