

Product Highlights

- Operating temperature range:
-40°C to +110°C
(-40°F to +230°F)
- Good abrasion resistance
- Heat shrinkable tubular construction for self-location
- High conformity delivers aesthetic appearance
- Lightweight, flexible & easy to install
- Minimal aggression towards neighboring components

Typical Applications

- Rubber hoses
- Tubing



ShrinkGard™ 2800 is a highly flexible, woven sleeve constructed of polyester and polyethylene that provides good abrasion resistance for rubber hoses and tubing applications. The product offers a shrinkage up to 60% which allows ShrinkGard 2800 to accommodate a variety of diameters and sizes. The soft construction of ShrinkGard 2800 is ideal when handling the product during installation.

The heat-shrinkable design firmly grips to the component with a minimum shrink temperature of +80°C and a minimum full recovery temperature of +110°C.

A treatment made on ShrinkGard 2800 keeps the ends of the sleeve stable after shrinkage.

ShrinkGard 2800 can easily be cut with standard industrial cutting equipment



Our manufacturing sites are certified ISO 9001, IATF 16949, or AS/EN 9100, ISO 14001 and ISO 45001 (Selected Sites)

Performance Data – ShrinkGard™ 2800

Property	Test Method	Result
Temperature Rating	3000 hours at +110°C (+110°C rating)	Pass +110°C (+230°F)
Minimum Full Recovery Temperature		+110°C (+230°F)
Abrasion Resistance	D44 1959 STL 21 51 01	Pass
Flammability	FMVSS 302	Pass
Fluid Resistance	D47 1924	No visible degradation or alteration after being exposed to the following test cycles: <ul style="list-style-type: none"> • Immersion for 15s at +23°C, followed by a drying period of: <ul style="list-style-type: none"> - 24hrs at +150°C: motor oil, automatic transmission fluid, manual transmission oil. - 24hrs at +23°C: zinc chloride, brake fluid. • Immersion for 48hrs at +70°C, followed by a drying period of: <ul style="list-style-type: none"> - 24hrs at +23°C: Urea of clean up Ad blue. • Immersion for 24h: <ul style="list-style-type: none"> - At +40°C followed by a drying period of 4hrs at +23°C: for gazole, unloaded petrol 98. Std fuel C+15% methanol, E85 bio ethanol. - At +70°C followed by a drying period of 4hrs at +23°C for windscreen washer. - At +118°C followed by a drying period of 4hrs at +23°C for engine coolant.

All numeric performance data shows average or typical values. Please consult your sales representative for product drawings, test reports and OEM approvals.

Construction and Typical Product Characteristics

Warp Yarn:	Polyester (PET) multifilament
Fill Yarn:	Polyethylene (PE) monofilament

Standard Sizes

Commercial Part Number	Size of the Sleeve Before Shrinkage (mm)	Ideal Size of Sleeve After Shrinkage (mm)	Recommended Application Range After Shrinkage*	
			Min (mm)	Max (mm)
ShrinkGard 2800 12-0/-	12	6	5	8
ShrinkGard 2800 20-0/-	20	10	8	13
ShrinkGard 2800 25-0/-	25	12	10	16
ShrinkGard 2800 30-0/-	30	15	12	20
ShrinkGard 2800 34-0/-	34	17	14	22
ShrinkGard 2800 40-0/-	40	20	16	26
ShrinkGard 2800 50-0/-	50	25	20	33
ShrinkGard 2800 60-0/-	60	30	24	39
ShrinkGard 2800 70-0/-	70	35	28	46
ShrinkGard 2800 80-0/-	80	40	32	52
ShrinkGard 2800 100-0/-	100	50	40	65
ShrinkGard 2800 120-0/-	115	58	50	75

* Based on the product's shrinkable construction, there could be variables that impact size selection. Please follow sizing chart above in order to ensure proper functionality and optimized performance for your application. Proper sleeve sizing is at the discretion of the end user. Please consult your local sales representative for recommendations and support.

Availability

Standard sizes are listed here, Additional sizes could be available upon request.

Available in spools and custom cut lengths. Recommended cut lengths are in 5mm increments. Please see regional drawings for cut length tolerances.

Standard color is black. Additional colors could be available.

Please consult your local sales representative for regional packaging details and standards.



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