

**Bez.: Polyolefin-Schrumpfschlauch, schwarz, strahlungsvernetzt,
Schrumpfverhältnis 2:1, diesel und ölbeständig,
Temperaturbereich -75°C bis +150°C**



PLDR 100

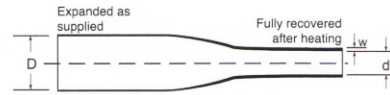
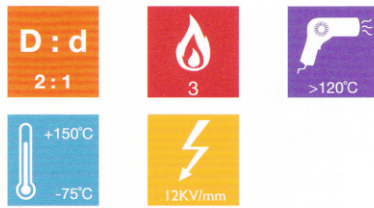
Flexible High Performance Elastomer

+150°C
-75°C

Excellent abrasion and diesel oil resistance, extreme chemical resistance and continuous operating temperature makes PLDR 100 the ideal choice for high performance cable harnesses.



SPECIFICATIONS:
SAE AMS-DTL-23053/16
Def Stan 59-97 Issue 3 Type6B
RoHS & REACH Compliant



Dimensions

Size	As Supplied	Recovered	
	Inside Diameter (min)	Inside Diameter (max)	Wall Thickness
	D (mm)	d (mm)	w (mm)
1/8	3.2	1.6	0.70
3/16	4.8	2.4	0.80
1/4	6.4	3.2	0.90
3/8	9.5	4.7	1.00
1/2	12.7	6.4	1.20
3/4	19.1	9.5	1.40
1	25.4	12.7	1.80
1 1/2	38.1	19.1	2.40
2	50.8	25.4	2.80

Technical Data

Physical

Properties	Test Method	Typical Value
Tensile Strength	ASTM D 638	14 N/mm ²
Elongation at Break	ASTM D 638	400%
Longitudinal Change	ASTM D 2671	+5%, -10% Maximum
Water Absorption	ASTM D 570	0.15%
Specific Gravity	ASTM D 792	1.5

Thermal

Continuous Operating Temperature		-75°C to +150°C
Minimum Shrink Temperature		> 120°C
Heat Shock 4 hours at 200°C	ASTM D 2671	No dripping, cracking or flowing
Heat Aging 168 hours at 150°C	ASTM D 638	280%
Low Temperature Flexibility -75°C	ASTM D 2671 C	No cracking
Flammability	ASTM D876	Self extinguish in 15 sec.

Chemical

Fungus Resistance	SAE AMS-DTL-7444	Inert
Fluid Resistance	SAE AMS-DTL-23053/16	Good
Copper Corrosion	ASTM D 2671 B	Good

Electrical

Dielectric Strength	ASTM D 2671	12 kV / mm
Volume Resistivity	ASTM D 257	10 @ 13 ohm.cm