# **RDW Dual Wall High Shrink Ratio Flame Retarded Adhesive Lined Tubing**

#### **APPLICATIONS:**

- Provides permanent waterproof barrier & environmental sealed for electrical connections
- Used as an alternative to molded parts and cable breakouts
- High shrink ratio enables insulation of cables with connectors of various sizes-Suitable for us in telecommunication, industrial equipment, automotive and avionics.

## **GENERAL PRODUCT PROPERTIES:**

- Shrink ratio of: 3:1
- Operating temperature ranges from -55 °C to +85 °C
- High flame retardant/self extinguishing properties
- Chemical, copper corrosion and fungus resistance
- Dielectric strength of 15KV/mm.
- ROHS Compliance

## **SPECIFICATIONS:**

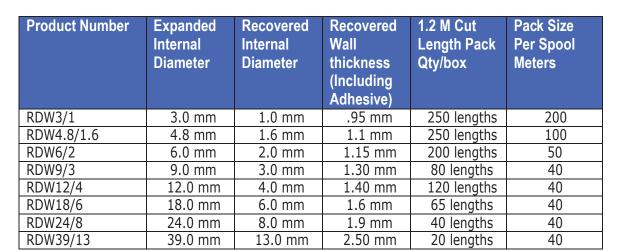
Products properties and performance have been certified to conform to the following specifications stated below IEC, ASTM, AND MIL-SPEC

RADI-FIT Tested & Certified

RADIFORM

## **PRODUCT DIMENSIONS:**

Standard Product: RDW103 with 3:1 Shrink Ratio



Note: Standard color for tubing is Black. Other colors are available upon request. Tubing with 2:1 and 4:1 shrink ratio are also available upon request. Tubing without adhesive available on request.

## **Product Technical Data**

OPERTIES	TEST METHOD	TYPICAL VALUE
vsical:		
esile Strength ter Absorption ngation Temperature Flexibility ecific Gravity gitudinal Change mmability	ASTM-D-638 ASTM-D-570 ASTM-D-638 ASTM-D-2671 ASTM-D-792 ASTM-D-638 ASTM-D-2671	12N/mm <sup>2</sup> .15 %Max. 300% -55 °C 1.4 +-10% 3(Outer Wall)
ermal:		
erating Temperature at Shock@ 250 °C 4 hrs	IEC216	-55°C to +125°C(Outer Wall) No dripping, cracking or flowing(Outer Wall)
emical:		
gus Resistance oper Corrosion emical Resistance	MIL-1-7444 ASTM D 2671 B	Inert XX XX
ctrical :		
lectric Strength lectric Constant ume Resistance	ASTM-D-2671 ASTM-D-150 ASTM-D-257	>15kV / mm 3.0 Max. 10 <sup>14</sup> Ohm/cm
	esile Strength ter Absorption ngation Temperature Flexibility poific Gravity gitudinal Change nmability  ermal: erating Temperature at Shock@ 250 °C 4 hrs  emical: gus Resistance oper Corrosion emical Resistance ctrical: ectric Strength ectric Constant	sile Strength ter Absorption ASTM-D-638 ASTM-D-638 ASTM-D-638 ASTM-D-638 ASTM-D-2671 ASTM-D-2671 ASTM-D-2671 ASTM-D-792 gitudinal Change ASTM-D-638 ASTM-D-638 ASTM-D-638 ASTM-D-638 ASTM-D-638 ASTM-D-638 ASTM-D-6371 ASTM-D-2671 ASTM-D-2671 ASTM-D-2671 ASTM D 2671 B ASTM D 2671 B ASTM-D-2671 ASTM-D-2671 ASTM-D-2671 ASTM-D-2671 ASTM-D-150

## Flamability:

Not Self Extinguishing	1
Flame Retarded	2
Self Extinguishing	3

## Chemical Resistance and Copper Corrosion:

Х	Satisfactory
XX	Good
XXX	Excellent

Disclaimer: The company reserves the rights to make changes to the products and their specifications with prior notice. The above information given corresponds to our actual knowledge and are according our knowledge is rendered correct and reliable. But they do not represent binding properties. Customers and end-users have to decide autonomously about application in the provided range. Under no circumstances is Radiform Insulation Industries Pte Ltd liable for any eventual, indirect or consequential damages arising from the sales, resales, transfer, use or misuse of the product. Our liabilities are limited to only in replacing products due to manufacturing defects.