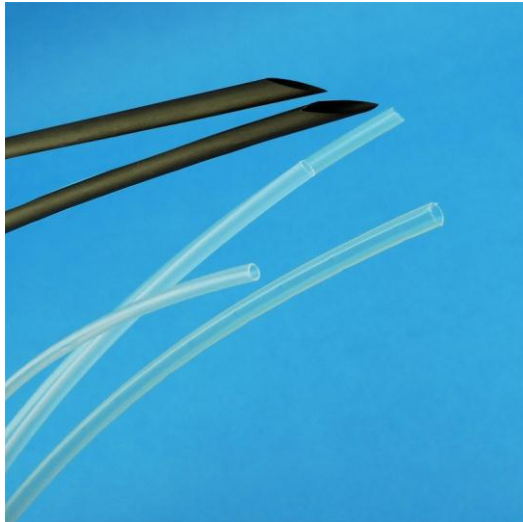




## DBRS-105(125)H(2X)NF

### Environment Friendly Heat Shrink Tubing



#### Description

Environment Friendly Heat Shrink Tubing is made of radiation cross-linked polyolefin, carries excellent physicochemical and electrical properties. Typical applications include insulation of electrical connections or wire splices, rust and corrosion resistance for soldered joints or connections, mechanical and wiring harness protection and insulation. This product is widely used in automotive, agricultural and household machinery with bent tubing where mechanical protection is required, electronics, life consumables, decoration and lighting, communications, ship, aircraft manufacturing and other fields.

#### Features

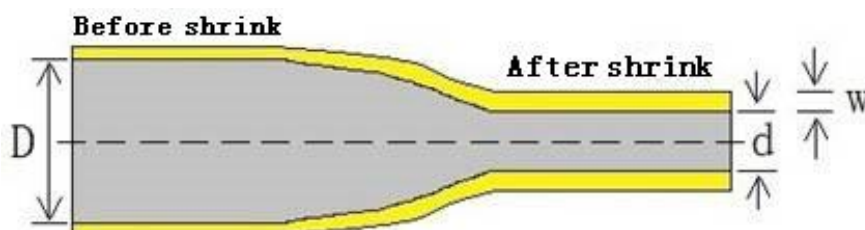
- Meets UL 224, CAN / CSA C22.2 NO198.1 -99
- Heat shrink ratio : 2:1
- Flexible, non flame retardant, bright outer layer
- Shrink Temperature:
  - 70°C~105°C (DBRS-105H(2X)NF)
  - 84°C~120°C (DBRS-125H(2X)NF)
- Continuous operating temperature:
  - -55°C~105°C (DBRS-105H(2X)NF)
  - -55°C~125°C (DBRS-125H(2X)NF)
- Environmental standards: RoHS , IPC/JEDEC-J-STD-709 Class H material
- Standard colors : clear ,black .More colors are available upon request.



## Technical Performance

Properties	Typical Data	Test Method
Tensile strength	$\geq 10.4\text{MPa}$	ASTM D 2671
Elongation at break	$\geq 200\%$	ASTM D 2671
Longitudinal change	-5% ~ +5%	ASTM D 2671
Flammability	Non flame retardant	-
Voltage Withstand (Rated voltage, 600V)	2500V , 1min without breakdown	UL 224
Breakdown strength	$\geq 15\text{kV/mm}$	ASTM D 149
Volume resistivity	$\geq 10^{14}\Omega\cdot\text{cm}$	IEC 60093

## Structure





## Dimensions (2:1)

Size ( mm )	As supplied D(mm)	After full recovered (mm)		Standard Package (M/roll)
		Inner diameter d	Wall thickness w	
φ0.5/0.35	0.7±0.2	≤0.35	0.33±0.10	200
φ0.6/0.40	0.9±0.2	≤0.40	0.33±0.10	200
φ0.8/0.50	1.1±0.2	≤0.50	0.33±0.10	200
φ1.0/0.65	1.5±0.2	≤0.65	0.36±0.10	200
φ1.5/0.85	2.0±0.2	≤0.85	0.36±0.10	200
φ2.0/1.00	2.5±0.2	≤1.00	0.45±0.10	200
φ2.5/1.30	3.0±0.2	≤1.30	0.45±0.10	200
φ3.0/1.50	3.5±0.2	≤1.50	0.45±0.10	200
φ3.5/1.80	4.0±0.2	≤1.80	0.45±0.10	200
φ4.0/2.00	4.5±0.2	≤2.00	0.45±0.10	200
φ4.5/2.30	5.0±0.2	≤2.30	0.45±0.10	100
φ5.0/2.50	5.5±0.2	≤2.50	0.56±0.10	100
φ5.5/2.75	6.0±0.2	≤2.75	0.56±0.10	100
φ6.0/3.00	6.5±0.2	≤3.00	0.56±0.10	100
φ7.0/3.50	7.5±0.3	≤3.50	0.56±0.10	100
φ8.0/4.00	8.5±0.3	≤4.00	0.56±0.10	100
φ9.0/4.50	9.5±0.3	≤4.50	0.56±0.10	100
φ10/5.00	10.5±0.3	≤5.00	0.56±0.10	100
φ11/5.50	11.5±0.3	≤5.50	0.56±0.10	100
φ12/6.00	12.5±0.3	≤6.00	0.56±0.10	100
φ13/6.50	13.5±0.3	≤6.50	0.70±0.10	100
φ14/7.00	14.5±0.3	≤7.00	0.70±0.10	100
φ15/7.50	15.5±0.4	≤7.50	0.70±0.10	100
φ16/8.00	16.5±0.4	≤8.00	0.70±0.10	100
φ17/8.50	17.5±0.4	≤8.50	0.70±0.10	100
φ18/9.00	19.0±0.5	≤9.00	0.70±0.10	100



**Your Specialist in Insulation  
& Sealing and Protection Solution!**

TEL : +86-512-66386707/66386808/66386909

FAX : +86-512-66386908

φ20/10.0	22.0±0.5	≤10.0	0.80±0.15	100
φ22/11.0	24.0±0.5	≤11.0	0.80±0.15	100
φ25/12.5	26.0±0.5	≤12.5	0.90±0.15	50
φ28/14.0	29.0±0.5	≤14.0	0.90±0.15	50
φ30/15.0	31.5±1.0	≤15.0	1.00±0.15	50
φ35/17.5	36.5±1.0	≤17.5	1.00±0.15	50
φ40/20.0	41.5±1.0	≤20.0	1.00±0.15	50
φ50/25.0	≥50.0	≤25.0	1.10±0.15	25
φ60/30.0	≥60.0	≤30.0	1.20±0.15	25
φ70/35.0	≥70.0	≤35.0	1.30±0.20	25
φ80/40.0	≥80.0	≤40.0	1.30±0.20	25
φ90/45.0	≥90.0	≤45.0	1.30±0.20	25
φ100/50.0	≥100.0	≤50.0	1.30±0.20	25
φ120/60.0	≥120.0	≤60.0	1.30±0.20	25
φ150/75.0	≥150.0	≤75.0	1.30±0.20	25
φ180/90.0	≥180.0	≤90.0	1.30±0.20	25
φ210/105.0	≥210.0	≤105.0	1.30±0.30	25
φ230/115.0	≥230.0	≤115.0	1.30±0.30	25
φ250/125.0	≥250.0	≤125.0	1.30±0.30	25
φ300/150.0	≥300.0	≤150.0	1.30±0.30	25

**Note: Non-standard dimensions and packages also available on your request**