

PHZ3-UL/ PHZF3-UL (Special version)

- Flexible thin-wall flame-retardant polyolefin heat shrink tubing with 3:1 shrink ratio and good printability
- Higher continuous operating temperature up to +135 °C; certified to UL224 / CSA
- Primarily for Aerospace / Military / Defense applications
- Available as round (PHZ3-UL) and flattened (PHZF3-UL) formats; ideal where UL224 and/or continuous temperature above +105 °C are required



BENEFITS

PHZ3-UL / PHZF3-UL is the special version of Partex 3:1 heat shrink tubing based on the previous halogenated compound. It retains the higher continuous operating temperature of -55 °C to +135 °C and UL224 / CSA flame-retardant certification.

This version is kept in the assortment as a special product primarily for Aerospace, Military and Defense applications where UL224 and/or continuous operating temperature up to +135 °C are required.

Available in two formats: PHZ3-UL (round) and PHZF3-UL (flattened). The flattened version is optimised for thermal-transfer printing on Partex MK10 family, Promark and SP printers.

Customised pre-printed markers can also be ordered from Partex.

TECHNICAL INFORMATION

Material

Cross-linked polyolefin
PHZ3-UL (round)
PHZF3-UL (flattened)

Shrink ratio

3:1

Temperature range

Continuous operation temperature range -55° to +135°C
Shrink temperature > 90°C

Storage conditions

Temperature: 23° ± 2°C
Humidity: 50% ± 5% RH

Approvals to standards

UL224 / CSA (flame retardant) • EN 45545-2 – Hazard Level HL2 • REACH and RoHS compliant

Colours

Standard: Yellow, White.
Non-standard colours available on request.

Printing

PHZ3-UL (round):

Printable for on-site production with Promark T-2000 / Promark series (sizes from 2.4mm to 6.4mm) and SP8600 printers.

PHZF3-UL (flattened):

Printable for on-site production with Promark T-2000 / Promark series (sizes from 2.4mm to 6.4mm), MK10 family (EOS2, EOS5, SQUIX, DH) and SP8600 printers.

Use Promark Creator software for design and production management. Use printer software for SP printers.

Customised markers can also be ordered directly from Partex.





3:1 PRODUCT SIZE AND PACKAGING

Article	ØD, before shrinking [mm]	ød, after shrinking [mm]	ØD, before shrinking [inch]	ød, after shrinking [inch]	WT Recovered wall thickness		PHZF reel [m]
					[mm]	[inch]	
PHZ3UL0024BN*	2.40	0.80	0.094	0.031	0.43-0.63	0.017-0.025	100
PHZ3UL0032BN*	3.20	1.00	0.126	0.039	0.43-0.68	0.017-0.027	100
PHZ3UL0048BN*	4.80	1.60	0.189	0.063	0.43-0.68	0.017-0.027	100
PHZ3UL0064BN*	6.40	2.00	0.252	0.079	0.56-0.71	0.022-0.028	100
PHZ3UL0095BN*	9.50	3.00	0.374	0.118	0.56-0.71	0.022-0.028	100
PHZ3UL0127BN*	12.70	4.00	0.500	0.157	0.56-0.80	0.022-0.031	100
PHZ3UL0191BN*	19.10	6.00	0.752	0.236	0.80-1.00	0.031-0.039	50
PHZ3UL0254BN*	25.40	8.00	1.000	0.315	0.81-1.15	0.032-0.045	50
PHZ3UL0381BN*	38.10	12.70	1.500	0.500	0.90-1.25	0.035-0.049	25
PHZF3UL0024BN*	2.40	0.80	0.094	0.031	0.53	0.021	100
PHZF3UL0032DN/BN*	3.20	1.00	0.126	0.039	0.58	0.023	25/100
PHZF3UL0048DN/BN*	4.80	1.60	0.189	0.063	0.58	0.023	25/100
PHZF3UL0064DN/BN*	6.40	2.00	0.252	0.079	0.63	0.025	25/100
PHZF3UL0095DN/BN*	9.50	3.00	0.374	0.118	0.63	0.025	20/100
PHZF3UL0127DN/BN*	12.70	4.00	0.500	0.157	0.68	0.027	15/100
PHZF3UL0191DN/BN*	19.10	6.00	0.752	0.236	0.90	0.035	15/50
PHZF3UL0254DN/BN*	25.40	8.00	1.000	0.315	1.00	0.039	15/50
PHZF3UL0381DN/BN*	38.10	12.70	1.500	0.500	1.00	0.043	10/25

*Colour codes: 4 = Yellow, 9 = White. Other colours on request.

RELATED PRODUCTS



Promark printers



MK10 printers



SP printers

PARTEX.NU

