

Y3 Non-tracking Heat Shrink Rain Shed

Introduction

Cross-linked polyolefin, non-tracking, mastic applied to collars. Suitable for insulation of outdoor power cable termination.

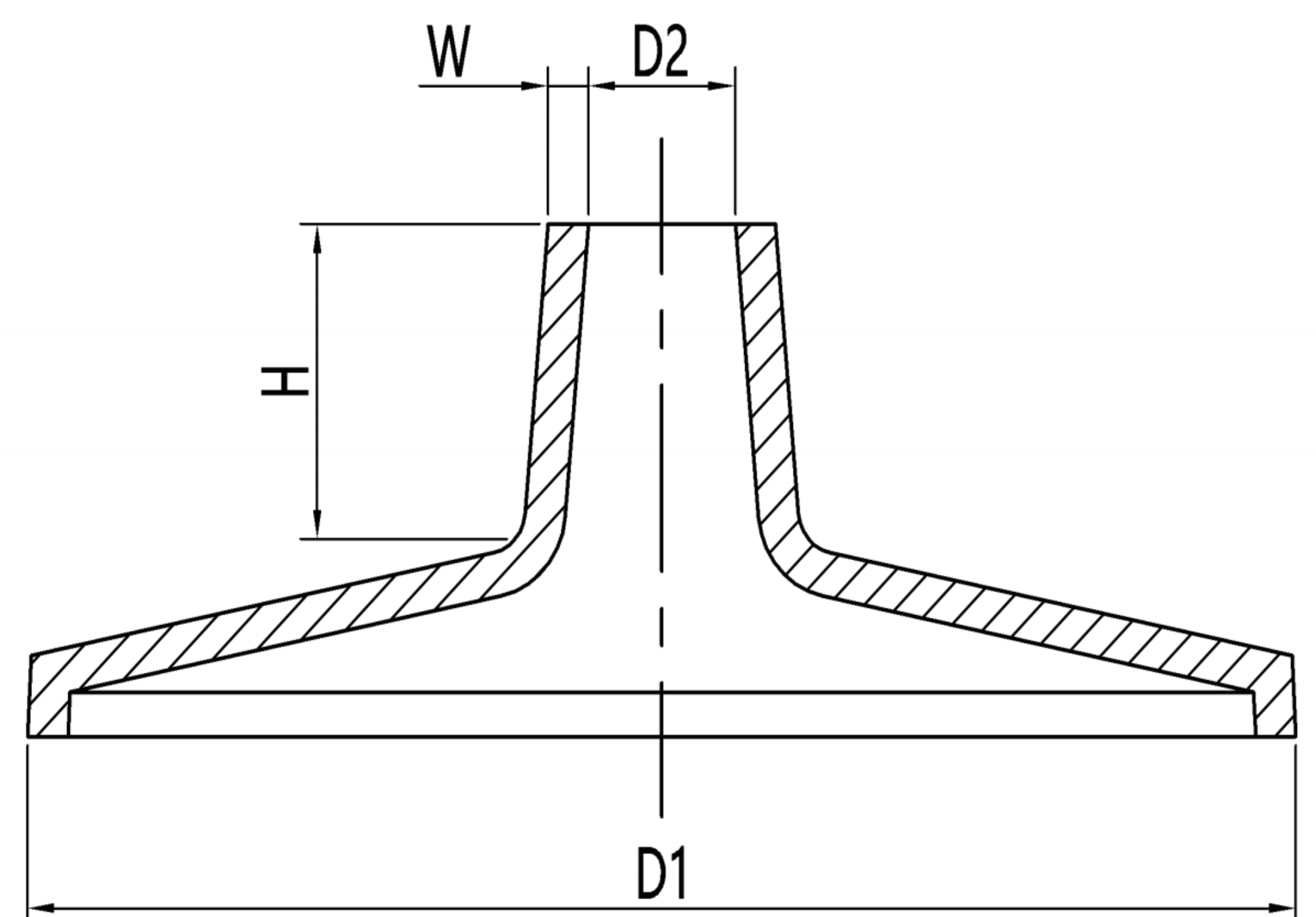
Features

- Operating temperature: -55 to 105°C
- Minimum fully recovery temperature: 150°C
- Non-tracking, UV and weather resistance
- Voltage class: 1kV ~ 36kV
- Adhesive liner
- Standard Color: Red



Dimension

Part No. Y3	As supplied (mm)	After recovered (mm)			
	Inner diameter D2 (±10%)	Inner diameter D2 (max.)	Diameter D1 (nom.)	H (min.)	Wall thickness W (nom.)
30/12	30	12	95	18	3
35/14	35	14	95	18	3
45/19	45	19	120	20	3
50/19	50	19	120	20	3
60/23	60	23	130	20	3
75/30	75	30	140	22	3
110/50	110	50	175	28	3
130/65	130	65	200	30	3
160/80	168	80	245	30	3
180/80	180	80	245	30	3



Technical Data

Property	Test Method	Requirement
Tensile Strength	ASTM D 2671	≥ 12 MPa
Ultimate Elongation	ASTM D 2671	≥ 300%
Heat Aging (136°C/168h)	ASTM D 2671	
Tensile Strength		≥ 10 MPa
Ultimate Elongation		≥ 200%
Water absorption (23°C/24h)	ASTM D 2671	≤ 0.5%
Low-temperature flexibility (-40°C/4h)	ASTM D 2671	No cracking
Heat shock (200°C/4h)	ASTM D 2671	No dripping or flowing
Dielectric strength	ASTM D 2671	≥ 15 kV/mm
Volume resistivity	ASTM D 2671	≥ 1 × 10 ¹³ Ω.cm
Tracking and erosion resistance	ASTM D 2303	After 1hr at 2.5kV, and 1hr at 2.75kV, No burn penetration, no sustained burning