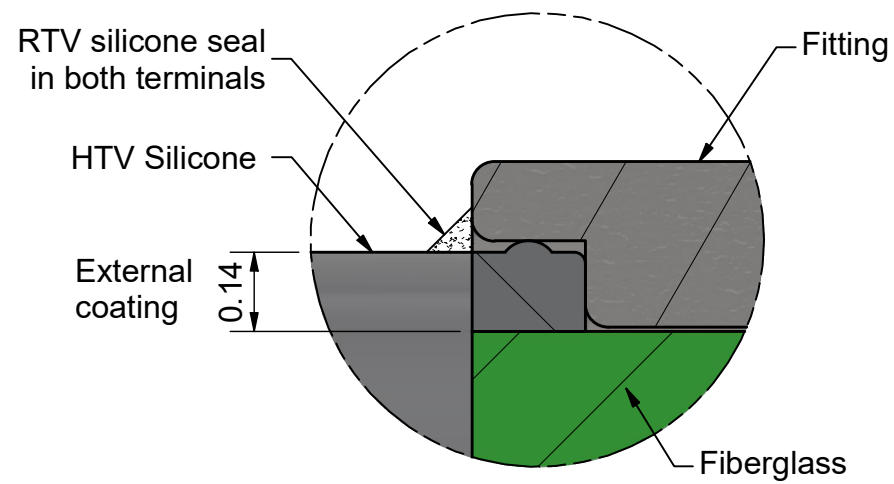
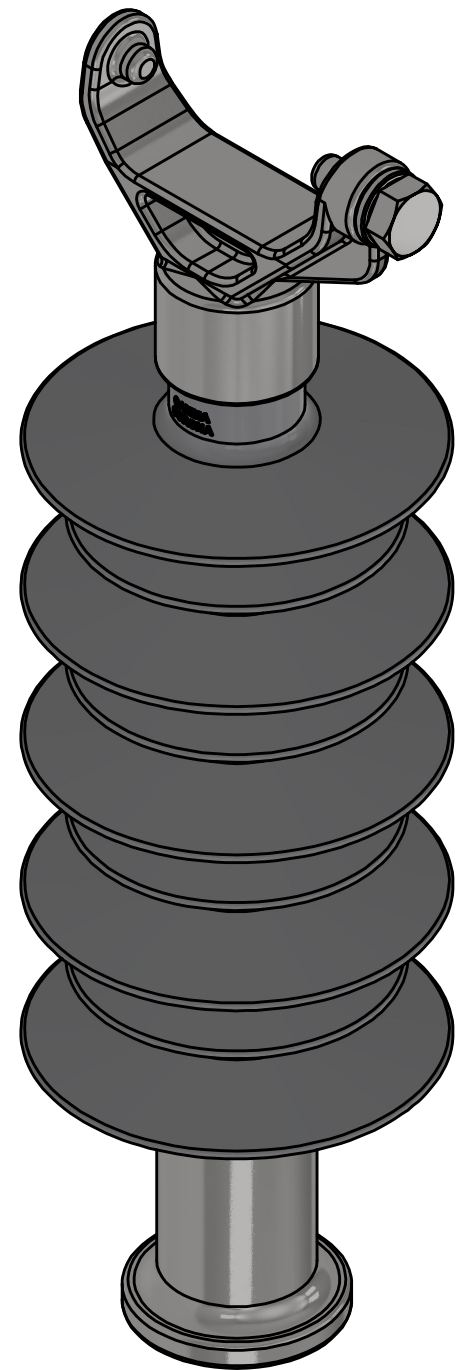
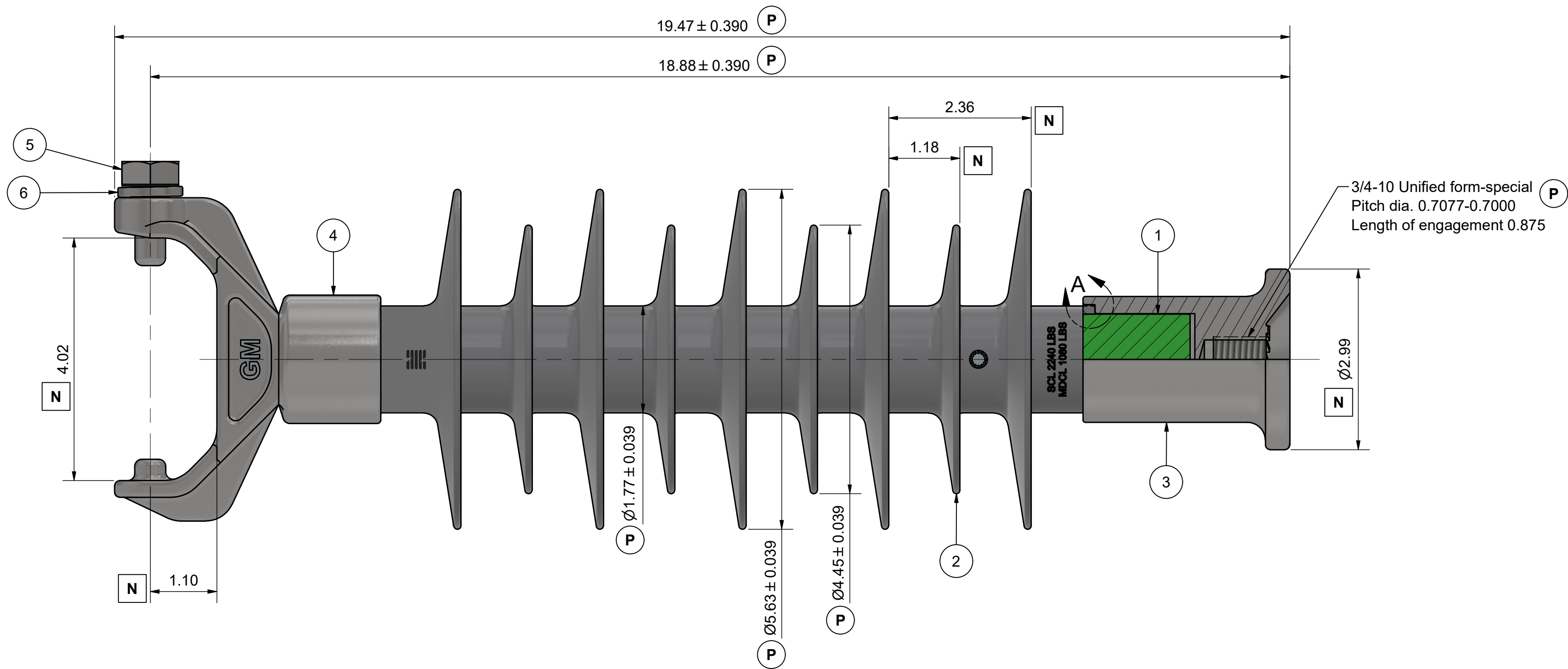


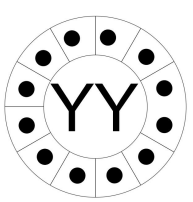


DETAIL A
SCALE 3:1

SILICONE MARKING DETAIL



Mark #1
NEWELL



Mark #2
Traceability
(Year-Month)

SCL 2240 LBS
MDCL 1080 LBS

Mark #3
Mechanical
Parameters

FITTINGS MARKS:

- * 46 kV
- * APL046MM
- * STL 5000 LBS
- * GM

ELECTRICAL CHARACTERISTICS:

Voltage: 46 kV
Leakage distance: 38.43 Inch (P)
Arcing distance: 13.46 Inch (P)
Low frequency flashover dry: 148 kV
Low frequency flashover wet: 120 kV
Critical impulse flashover positive: 250 kV

MECHANICAL CHARACTERISTICS:

Specified cantilever load (SCL): 9.96 kN (2.240 lbs)
Specified tension load (STL): 22.24 kN (5.000 lbs)
Maximum design cantilever load (MDCL): 4.80 kN (1.080 lbs)
Total weight insulator (Approx.): 5.11 Kg

DIMENSIONS:

Core diameter: Ø1 1/2 Inch
Quantity of sheds: 9 Units

NOTES:

- * Fittings according to ANSI C29.18
- * Galvanizing of the fittings according to ASTM A153

PARTS LIST				
ITEM	QTY	DESCRIPTION	MATERIAL	CODE
1	1	Core	Fiberglass	38,0x373,5-01
2	1	Insulating body	HTV Silicone	APL046KV-01
3	1	Bottom fitting	Forged steel ASTM A29/A29M-1045 hot-dip galvanized	AD03-4BF0-PHC01
4	1	Top fitting vertical clamp top	Nodular iron ASTM A536 class 65-45-12 hot-dip galvanized	AD0CTNV-PHC01
5	1	Bolt 5/8-11x1 1/2 UNC	Steel B-113 or 1018-1022 hot-dip galvanized	3225-EHT01
6	1	Spring lock washer 5/8	Steel B-113 or 1018-1022 hot-dip galvanized	5-8-1,073-03

(N) Dimension without protocol

(P) Dimension with protocol

ALL RIGHTS RESERVED DRAWINGS
CANNOT BE REPRODUCED IN ANY
WAY. FAILURE TO DO SO WILL
REQUIRE NEWELL TO TAKE LEGAL
ACTION.



Newell
A PGC Company

REF(S): NCLP04614

DRAW: Lizeth Bedoya Cossio.

DATE: 2025/05/19

DIN. IN: Inch

REV:

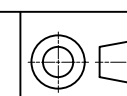
SAP CODE:

SC:

APPROVER: David Gonzalez.

NCLP04614

1:1.5



CONTENT:

COMPOSITE LINE POST, 46 kV,
51-14.

CUSTOMER: