



DSM Products

DSM TYPE NDE

COATED DEAD END

DSM TYPE NDE coated dead ends are manufactured of aluminum alloy wire coated with a thick layer of gritted neoprene. DSM TYPE NDE coated dead ends intended for use over conductors jacketed with polyethylene, neoprene, vinyl and rubber.

Size under .284" are supplied with a helix loop and sizes above 0284" are supplied with a cabled loop.

The holding strength of DSM TYPE NDE coated dead ends is dependant on several factors:

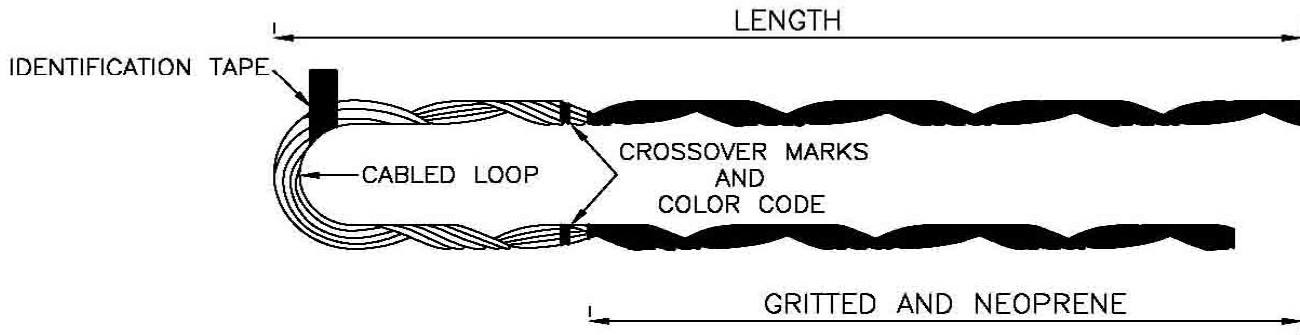
- Conductor size, type and stranding
- Thickness of the jacket
- Jacket material
- Specified density of the jacket material

General DSM TYPE NDE coated dead ends will hold the rated breaking strength of all copper and aluminum jacket conductors when the jacket is polyethylene or neoprene when tested under static tension.

Under sustained loading (24 hours) lower holding strength are found. This is due to the cold flow characteristic and frictional coefficient of the various jacketing materials.



**TYPE NDE
COATED DEAD END
Conductor May be Right or Left Hand Lay**



CATALOG NUMBER	Conductor Range		Jacketed Conductors, Polyethylene, Neoprene, Vinyl, Rubber Nominal Conductor Size	Units/ctn	Length (mm)	Wt/carton (kg)	Color code
	(inches)	(mm)					
NDE0253	0.243 - 0.253	6.172 - 6.426	#6 7W 2/64s	100	432	5.90	Green
NDE0264	0.254 - 0.264	6.452 - 6.706	#6 Solid 3/64s, #6 6/1 2/64s	100	432	6.35	Red
NDE0272	0.265 - 0.272	6.731 - 6.909	#4 Solid 2/64s	100	457	6.35	Blue
NDE0284	0.273 - 0.284	6.934 - 7.214	#6 7W 3/64s	100	457	6.35	Orange
NDE0297	0.285 - 0.297	7.239 - 7.544	#6 6/1 3/64s, #4 7W 2/64s	100	483	6.81	Black
NDE0310	0.298 - 0.310	7.569 - 7.874	#4 Solid 3/64s, #6 7W 4/64s	100	508	8.17	Yellow
NDE0323	0.311 - 0.323	7.899 - 8.204	#4 7W 2/64s Alum. Alloy, #4 6/1 2/64s	100	508	8.17	Orange
NDE0338	0.324 - 0.338	8.230 - 8.585	#6 7W 4/64s Alum. Alloy, #4 7W 3/64s	100	533	9.07	Black
NDE0354	0.339 - 0.354	8.611 - 8.992	#4 7W 3/64s Alum. Alloy, #4 6/1 3/64s	100	559	9.07	Yellow
NDE0374	0.355 - 0.374	9.017 - 9.500	#4 7W 4/64s	100	584	11.34	Red
NDE0397	0.375 - 0.397	9.525 - 10.084	#4 7W 4/64s, #4 7W 5/64s	100	610	11.80	Green
NDE0420	0.398 - 0.420	10.109 - 10.668	#2 6/1 3/64s, #2 7/1 3/64s	100	610	11.80	Green
NDE0445	0.421 - 0.445	10.693 - 11.303	#2 7W 4/64s Alum. Alloy, #1 7W 3/64s	50	686	9.07	Black
NDE0475	0.446 - 0.475	11.328 - 12.065	#1 7W 4/64s, #4 7W 8/64s	50	711	9.98	Orange
NDE0507	0.476 - 0.507	12.090 - 12.878	#1 19W 5/64s, 1/0 7W 4/64s	50	762	13.61	Blue
NDE0536	0.508 - 0.536	12.903 - 13.614	1/0 9W 6/64s	50	762	13.16	Red
NDE0571	0.537 - 0.571	13.640 - 14.503	2/0 7W 4/64s, 2/0 19W 6/64s comp.	50	787	15.43	Black
NDE0608	0.572 - 0.608	14.529 - 15.443	3/0 19W 4/64s, 2/0 19W 5/64s	50	838	16.33	Yellow
NDE0648	0.609 - 0.648	15.469 - 16.459	1/0 7W 8/64s, 4/0 7W 4/64s	25	838	10.89	Red
NDE0690	0.649 - 0.690	16.485 - 17.526	1/0 7W 10/64s, 4/0 19W 4/64s	25	864	11.80	Green
NDE0735	0.691 - 0.735	17.551 - 18.669	250 19w 4/64S, 266.8 18/1 4/64S	25	889	13.61	Black
NDE0783	0.736 - 0.783	18.694 - 19.888	3/0 7W 10/64s	25	914	14.52	Orange
NDE0834	0.784 - 0.834	19.914 - 21.184	300 19W 5/64s, 336 19W 5/64s	25	965	15.43	Blue
NDE0888	0.835 - 0.888	21.209 - 22.555	350 19W 5/64s, 300 19W 10/64s comp.	25	1,016	18.15	Black
NDE0945	0.889 - 0.945	22.581 - 24.003	250 19W 10/64s, 300 19W 10/64s	25	1,067	19.96	Yellow
NDE1005	0.946 - 1.005	24.028 - 25.527	450 37W 6/64s, 500 37W 6/64s	25	1,118	23.59	Green
NDE1070	1.006 - 1.070	25.552 - 27.178	450 37W 8/64s, 336.4 19W 12/64s	10	1,143	10.89	Red
NDE1138	1.071 - 1.138	27.203 - 28.905	350 19W 12/64s, 500 37W 10/64s	10	1,194	10.89	Blue
NDE1212	1.139 - 1.212	28.931 - 30.785	636 37W 10/64s comp.	10	1,219	13.61	Orange
NDE1288	1.213 - 1.288	30.810 - 32.715	795 61W 6/64s, 795 37W 10/64s comp.	10	1,245	13.61	Black
NDE1372	1.289 - 1.372	32.741 - 34.849	1033.5 61W 6/64s	10	1,346	17.24	Yellow
NDE1458	1.373 - 1.458	34.874 - 37.033	715 37W 14/64s	10	1,346	17.24	Green
NDE1550	1.459 - 1.550	37.059 - 39.370	795 37W 14/64s	10	1,422	18.15	Red