

melos

Cable compounds

DEFENCE

RDX



Flame retardant



Halogen-free



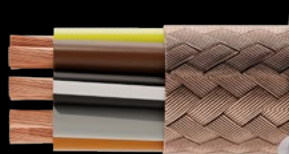
Low-smoke



High temperature
resistant



High media-
resistance



melos



DEFENCE

MELOS CODE	Operating temperature [°C]	Shore hardness	Tensile strength [N/mm²]	Elongation at break [%]	LOI [%]	Density [g/cm³]	Oil resistance level	Features	Standards	Applications
MECOLINE S RDX 1264 F	-50 to 120	88A	10	250	32	1.5	★★★★★		+ Def Stan 61-12 Pt 31	
MECOLINE S RDX 1270 F	-50 to 125	88A	10.5	210	36	1.58	★★★★★		+ IEC 60092-360, SHF 2, NEK 606 + VG 95218-28 (Type C and E) + VG 95218-29 (Type B, C, D, E, F, N) + VG 95218-31 (Type B, D, E, F, H, K, L, M, P, U, V, X, Z) + VG 95218-60 (Type A, B, C, D) + VG 98218-61 - 66 (Type A)	
MECOLINE S RDX 1271 F	-40 to 120	38D	11.1	278	36	1.56	★★★★★		+ IEC 60092-360, SHF 2, NEK 606 + DEF STAN 61-12 Part 31 + MIL-DTL-24640C + MIL-DTL-24643C	
MECOLINE S RDX 1277 F	-60 to 125	83A	10	280	39	1.58	★★★★★		+ MIL-DTL-24643 D	
HALOGENATED COMPOUNDS										
MECOLINE I RDX 5233	-50 to 150	60D	20	400		1.05	★		+ NEMA WC 27500 + MIL-W-81044/9 + MIL-W-81044/11 + MIL-W-81044/12	
DOUBLE LAYER CABLE CONSTRUCTION										
MECOLINE IS RDX 5241 F	-50 to 150	73D	30	150	42	1.75	★★★★★		+ NEMA WC 27500 + MIL-W-81044/9 + MIL-W-81044/11 + MIL-W-81044/12	
MECOLINE IS RDX 5243 F	-50 to 150	28D	19	400	28	1.3	★★★★★		+ VG 95218-24 + VG 95218-27 + VG 95218-25 + VG 95218-28	

Proven and trusted by cable manufacturers for these special cable applications; established since many years

APPROVED

Use our app to find the right compound:

www.cablecompoundfinder.com

PICTOGRAM LEGEND

 Flame retardant
  Low-smoke
  Halogen-free
  Abrasion-resistant
  Resistant to temp. variation

 High temperature resistant
  Flexible
  Flexible at low temperatures
  High media-resistance

