

ALMI Overview of Cables and Wires



++ high suitability

+ good suitability

- suitable

ALMI Cable Categories		Factor high & low Temperature		Factor Flexibility							Factor Durability			
		Temperature range in continuous operation		Dynamic applications							Chemicals, solvents	Oils, grease	UV, ozone, weather	Wear resistant
		from	to	Flexibility	Cable trolley	Drag chain	Spreader	Torsion	Reelable cable	Roboter				
1	ALMI Multoflex	-5°C	+70°C	+	-	-		-			-	-	+	-
2	ALMI Multoflex low temp. resistant	-20°C	+70°C	+	-	-		-			-	-	+	-
3	ALMI Multoflex heat resistant	-5°C	+105°C	+	-	-		-			-	-	+	-
4	ALMI Multoflex special oil resistant	-5°C	+70°C	+	-	-		-			-	++	-	-
5	ALMI ALL-FLEX	-40°C	+80°C	++	++	+	++	+	++		+	+	+	+
6	ALMI Suprex	-40°C	+80°C	++	++	+	++	+	++	-	+	+	++	++
7	ALMI Welding Cable	-40°C	+80°C	++							+	+	++	+
8	ALMI PREXTHAN	-40°C	+80°C	++	++	++	++	++	++	++	+	+	+	++
9	ALMI PREXTHAN 110	-30°C	+110°C	++	++	++	++	++	++	++	+	+	+	++
10	ALMI PREXTHAN 120	-40°C	+120°C	++	++	++	++	++	++	++	+	+	+	++
11	ALMI IDURTHERM 145	-55°C	+145°C	-							+	+	+	+
12	ALMI HIFP 155	-65°C	+155°C	-	-	-				+	++	++	++	++
13	ALMI SUPREX-THERM	-20°C	+180°C	+	+	+	+	-	+	-	++	++	++	++
14	ALMI HAFL	-50°C	+180°C	+	+	+	+	+	-	-	-	-	+	+
15	ALMI HAFL-S Profibus-Therm	-40°C	+180°C	+	+	+	+	+		-	-	-	+	+
16	ALMI HAFL-S CAT6-Therm	-40°C	+180°C	+	+	+	+	+		-	-	-	+	+
17	ALMI B-SI-K	-50°C	+180°C	+	+	+	+	+			-	-	+	+
18	ALMI SSID	-50°C	+180°C	++	+		+	+	-	-	-	-	+	+
19	ALMI SSSH Smelting Plant Cable	-40°C	+180°C	+	-	-								
20	ALMI SSSH-SI Smelting Plant Cable	-40°C	+180°C	+	+	-					-	-	+	
21	ALMI HIFP Profibus-Therm	-50°C	+180°C	-							++	++	++	++
22	ALMI HIFP CAT6-Therm	-40°C	+200°C	-	-	-					++	++	++	++
23	ALMI HIFP Profibus-Therm M200	-100°C	+180°C	+	-	-		-		-	++	++	++	++
24	ALMI HIFP 205	-100°C	+205°C	+	-	-					++	++	++	++
25	ALMI HIFP 260	-190°C	+260°C	+	-	-					++	++	++	++
26	ALMI HIGHFLAME	-65°C	+260°C	-	-	-		-		-	-	-		
27	ALMI HIGHFLAME 350	-65°C	+350°C											
28	ALMI HIGHFLAME 450	-65°C	+450°C											
29	ALMI HIGHFLAME 600	-65°C	+600°C											
30	ALMI HIGHFLAME 800	-65°C	+800°C											
31	ALMI HIGHFLAME 1000	-65°C	+1000°C											
32	ALMI HIGHFLAME 1200	-65°C	+1200°C											
33	ALMI AGL - Compensating Cables	-190°C	+1200°C	+							++	++	++	++
34	ALMI THL - Extension Cables	-190°C	+1200°C	+							++	++	++	++

Possible use to be clarified for each individual application.

The product matrix reflects the general product range of Alfred Michels GmbH & Co. KG. Additional speciality production possible.

Numerous types available from stock according to design (no. of cores x cross section), special manufacture from 100 m lengths.