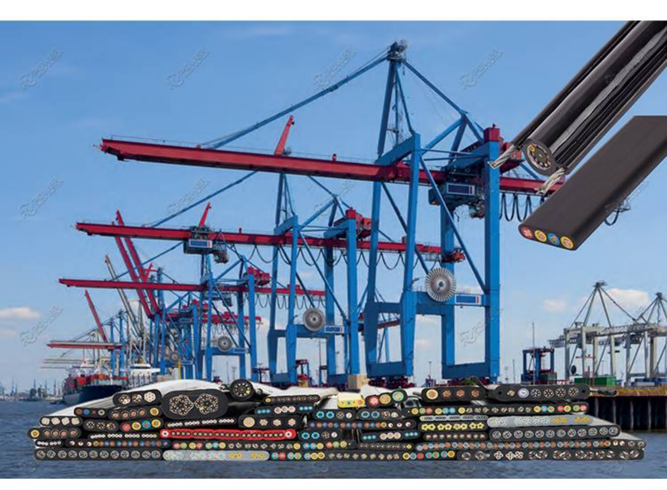
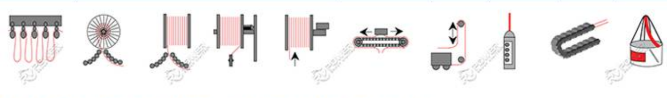
CRANE, CONVEYOR, LIFT CABLES



OUR ADVANTAGE

CRANE, CONVEYOR, LIFT CABLES

FESTOONS	CABLE WINDING REELS	CABLE TENDER SYSTEMS	GUIDE PULLEY SYSTEMS	PENDANT PUSH BUTTONS	CABLE CARRIER CHAINS	BASKET



CRANE CONVEYOR, IFT REELING CABLES

F-PVC SERIES

HIGH PERFORMANCE FLEXIBLE FLATFORM CABLE INDOOR/OUTDOOR 450/750V 70°C

APPLICATIONS:
MATERIALS AND HANDLING SYSTEMS SUITABLE FOR USE IN INDOOR AND
OUTDOOR CRANE AND FESTOONING SYSTEMS, CONVEYOR SYSTEMS AND ENERGY CHAINS.
CONFINED SPACES WITH ITS FLAT CONFIGURATION, THIS CABLE CAN BE LAID IN AREAS SUBJECT TO SPACE CONFINEMENTS.
HUMID AND WET ROOMS AND FOR OUTDOOR USE.
PUMPING SUITABLE FOR PERMANENT SUBMERSION UP TO 200 METRES.

PRODUCT FEATURES:
☒ SPECIAL PVC USED FOR INDOOR AND OUTDOOR APPLICATIONS
☒ TENSILE LOAD UP TO 15 N/MM☒
☒ TRAVEL SPEED 180 METRES PER MINUTE
☒ UV STABILISED
☒ FLAME RETARDANT
☒ RESISTANT TO ENVIRONMENTAL FACTORS SUCH AS OXIDATION, OZONE AND SUNLIGHT
☒ VERY GOOD BEHAVIOUR TO VARIATIONS OF OUTDOOR TEMPERATURES
☒ HEAT, OIL AND CHEMICAL RESISTANT (SEE TECHNICAL SECTION)

CONSTRUCTION:
CONDUCTOR ANNEALED TINNED /PURE COPPER STRANDED EXTREME FLEXIBILITY(CLASS 5 & 6).
INSULATION SPECIAL PVC.
SHEATH SPECIAL PVC.

CHARACTERISTICS:
TEMPERATURE RANGE FIXED -40°C TO 60°C / FLEXING -25°C TO 60°C.
MAXIMUM CONDUCTOR TEMPERATURE 70°C (CURRENT RATINGS ARE BASED ON 30°C AIR TEMP. SEE TECHNICAL SECTION FOR DE-RATING FACTORS).
RATED VOLTAGE UO/U 450/750V.
MINIMUM BENDING RADIUS FIXED 5 X CABLE HEIGHT / FLEXING 10 X CABLE HEIGHT.
SHEATH COLOUR BLACK.
STANDARD CORE COLOURS
4 CORE – BROWN, BLACK, GREY, GREEN/YELLOW.
5 CORE – BLUE, BROWN, BLACK, GREY, GREEN/YELLOW.
MULTI CORE – BLACK NUMBERED, GREEN/YELLOW.
RELEVANT STANDARDS DIN VDE 0295, DIN VDE 0293, IEC 60332-1,

F-TPE/PUR CY SERIES

HIGH PERFORMANCE FLEXIBLE CBS FLATFORM CABLE INDOOR 0.6/1KV 75°C

APPLICATIONS:
MATERIALS AND HANDLING SYSTEMS SUITABLE FOR USE IN INDOOR CRANE AND FESTOONING SYSTEMS, CONVEYOR SYSTEMS AND ENERGY CHAINS.
CONFINED SPACES WITH ITS FLAT CONFIGURATION, THIS CABLE CAN BE LAID IN AREAS SUBJECT TO SPACE CONFINEMENTS.
VARIABLE SPEED DRIVES DESIGNED FOR THE CONNECTION OF AC VARIABLE
SPEED DRIVES (0.6/1KV CABLES) OR WHERE A FLEXIBLE EMC SCREENED POWER CABLE IS REQUIRE

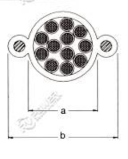
PRODUCT FEATURES:
☒ TENSILE LOAD UP TO 15 N/MM²
☒ TRAVEL SPEED 180 METRES PER MINUTE
☒ HIGH FLEXIBILITY
☒ UV STABILISED
☒ FLAME RETARDANT
☒ RESISTANT TO ENVIRONMENTAL FACTORS SUCH AS OXIDATION, OZONE AND SUNLIGHT
☒ VERY GOOD BEHAVIOUR TO VARIATIONS OF OUTDOOR TEMPERATURES
☒ HEAT, OIL AND CHEMICAL RESISTANT (SEE TECHNICAL SECTION)

CONSTRUCTION:
CONDUCTOR ANNEALED TINNED COPPER STRANDED EXTREME FLEXIBILITY (CLASS 5 & 6).
INSULATION SPECIAL TPE/PUR.
SCREENING COPPER SCREENED BRAIDING, 85% MINIMUM COVERAGE(INDIVIDUALLY SCREENED CORES).SHEATH SPECIAL TPE/PUR

CHARACTERISTICS:
OPERATING TEMPERATURE RANGE FIXED -40°C TO 75°C /FLEXING -5°C TO 70°C.
MAXIMUM CONDUCTOR TEMPERATURE 75°C (CURRENT RATINGS ARE BASED ON 30°C AIR TEMP. SEE TECHNICAL SECTION FOR DE-RATING FACTORS).
RATED VOLTAGE UO/U 0.6/1KV.
MAX AC OPERATING VOLTAGE UO 0.7KV.
MINIMUM BENDING RADIUS FLEXING 10 X CABLE HEIGHT.
SHEATH COLOUR BLACK.
STANDARD CORE COLOURS.
4 CORE – BROWN, BLACK, GREY, GREEN/YELLOW.
5 CORE – BLUE, BROWN, BLACK, GREY, GREEN/YELLOW.
MULTI CORE – BLACK NUMBERED, GREEN/YELLOW.
RELEVANT STANDARDS VDE 0295, IEC 60332-1, IEC 60228, VDE 0250,

PENDANT CABLE – PVC

HIGH PERFORMANCE FLEXIBLE PENDANT / LIFT CABLE WITH CENTRAL OR EXTERNAL SUPPORT 300/500V 75°C



CONSTRUCTION
CONDUCTOR OF COPPER, FINELY STRANDED TO CLASS 5/6 – CORES PVC
INSULATED – LAID UP IN SHORT CORELAY – TAPED - NITRILE OUTER SHEATH WITH INTEGRATED TENSION RELIEF STAINLESS STEEL ROPES POSITIONED OPPOSITE EACH OTHER.
PLEASE NOTE: CAN OFFER LIFT CABLES IN DIFFERENT STRANDING AND INSULATION
MATERIALS, SCREENED CORES AND PAIRS, COMPOSITE DESIGNS, A VARIETY OF SUSPENSION
HEIGHTS AND IN DIFFERENT SHEATH MATERIALS INCLUDING FLAME RETARDANT AND HALOGEN FREE.

CORE IDENTIFICATION
ALL CORES ARE BLACK AND NUMBERED WITH WHITE PRINT
CABLE DESCRIPTION BEARING – J WITH GREEN/YELLOW EARTH CORE
APPLICATION
PENDANT CABLE CAN BE USED IN DRY, DAMP OR WET ENVIRONMENTS AS POWER AND CONTROL CABLE. THE USAGE EXTENDS TO HOISTS, CRANES, STACKING SYSTEMS, CONVEYOR SYSTEMS, ELEVATORS ETC.

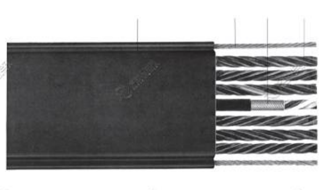
CHARACTERISTICS:
OPERATING TEMPERATURE RANGE FIXED -40☒C TO 75☒C /FLEXING -30C TO 70C.
MAXIMUM CONDUCTOR TEMPERATURE 75☒C.
RATED VOLTAGE UO/U 300/500V.
MAX AC OPERATING VOLTAGE UO 318V.
MINIMUM BENDING RADIUS
WITHOUT STRESS 10 X CABLE DIAM / WITH STRESS 20 X CABLE DIAM.
SHEATH COLOUR BLACK.
STANDARD CORE COLOURS BLACK (NUMBERED) PLUS 1 GREEN/YELLOW EARTH.
RELEVANT STANDARDS DIN VDE 0293, IEC 60332-1, DIN VDE 0295,

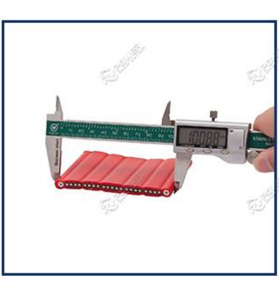
SPECIAL LIFT FLAT CABLES

CONSTRUCTION
1. FLEXIBLE PVC-INSULATED STRANDED CORES, ALTERNATE LEFT AND RIGHT STRANDING LAY, LAID UP IN PARALLEL
2. OPTICAL FIBRE CABLE (LWL)
3. LOW-ELASTIC SUPPORTING ELEMENTS
4. PVC OUTER SHEATH

SPECIAL LIFT FLAT CABLES

CONSTRUCTION
1. 6-TAPED CONTROL CABLE GROUPS COMPRISING OF BUNDLED LEFT AND RIGHT HAND LAID ASSEMBLIES OF 5 FLEXIBLE PVC-INSULATED CORES LAID AROUND A MANILA ROPE CENTRE, CORES HAVING AN EXTRA SHORT LAY, TAPED AND LAID UP IN PARALLEL.
2. 1 - TELEPHONE CABLE GROUP WHICH COMPRISES OF 4 FLEXIBLE PVC INSULATED CORES LAID UP AROUND A CENTRAL MEMBER IN QUAD CONFIGURATION, COLLECTIVELY SCREENED AND POLYETHYLENE SHEATHED.
3. HIGH TENSILE STEEL CARRIER ELEMENTS
4. PVC OUTER SHEATH, COLD RESISTANT





CRANE, CONVEYOR, LIFT CABLES

DETAIL DISPLAY

ONE

OXYGEN FREE PURE COPPER

Extra Flexible Bare Copper Class 6 acc.to IEC 60228

TWO

INSULATION

PUR/Special Rubber compound/on request

THREE

REINFORCE

steel wire / Kevlar braid (optional) /on request Play the role of bearing gravity and super tensile for the cable, and make the cable life longer

FOUR

LOW ECCENTRICITY

The outer skin is thin and uniform, effectively preventing current breakdown and ensuring power safety

FIVE

HIGH FLEXIBLE THREAD BODY

Special Thermoplastic Compound PUR/Special rubber compound based on NBR/others.Special Thermoplastic Compound PUR/Special rubber compound based on NBR/others

- OIL RESISTANT
- HALOGEN FREE
- ABRASION RESISTANT
- UV RESISTANT
- MUD RESISTANT
- FLAE RESISTANT
- COLD RESISTANT
- OZONE RESISTANT
- MICROBE RESISTANT
- WATER RESISTANT