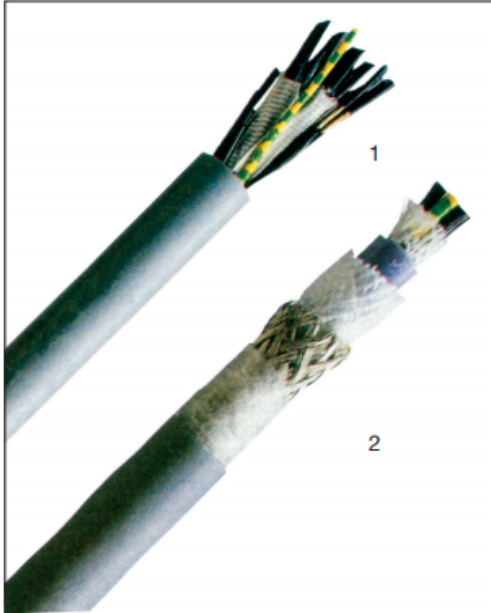
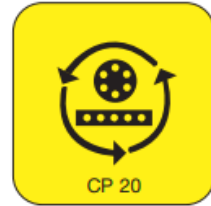


# DRAGCHAIN PURFLEX™ – TFXDS 200 200C

POLYURETHANE FLEXIBLE CABLE ACCORDING TO VDE 0282 SPECIFICATION, VOLTAGE 600 V

## FOR EXTREMELY HIGH REVERSED BENDING STRESS

TFXDS 90 cable is for continuously applied bending stress



Refer to our cable installation hints EK00. T. 001

### CONSTRUCTION

Conductors of copper, finely stranded to class 6, cores insulated with modified TPE-E, particularly adjusted twist in layers, each layer covered with cotton binder tape and an additional fleece covering the outer corelay – if type TFXDS 200C inner sheath of halogen free material, wrapped with non-woven tape, concentrically applied TCW braid fleece covered – PUR sheath of rough surface, oil, chemical and weather resistant, colour grey.

Please Note: Powermite can offer Purflex Dragchain cable with different stranding, core configurations and sheath colours.

### CORE IDENTIFICATION to VDE 0293

Black cores with white numbers

Cable description bearing – J with green/yellow earth core

### APPLICATION:

Pic 1 **TFXDS 200** cable is the latest development to serve the ever increasing demands on flexibility and standing time in today's highly automatic/mechanised production processes. This cable was tested on a reversed bending machine to VDE0472 – Testing H and proved still operational after ten million bends.

Pic 2 **TFXDS 200C** as TFXDS 200 above, but cable incorporates a tinned copper wire braid between inner and outer sheath, which renders it suitable even if high frequency external impacts try to disturb the operational pulse transmission. Good EMC characteristics.

**For chemical resistance table see page 58 table 13**