CABLES

Backer provides a wide range of cable sets according to customer specification. They are ready to install by connecting them to PCB's (printed circuit boards, terminal blocks, different types of housing etc).

<table>
<thead>
<tr>
<th>Material</th>
<th>Wire core: copper, tinned copper. Insulation: Regular PVC. Silicone and glass fibre - resistance for high temperature, up to 350°C. Teflon - high mechanical resistance. Shielded cables Terminals: Receptacles tabs, ring tongues, pins (brass, tinned brass, steel)</th>
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</thead>
<tbody>
<tr>
<td>Dimension</td>
<td>Single, Multicore and Hybrid cables. Single wire up to 75 mm²</td>
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<tr>
<td>Fields of application</td>
<td>Control panels, cabinets, drives Heating and cooling equipment (heat pumps, dryers, water heaters, radiators, refrigerators) Machines, cranes, production processes Engines power supply, inverters</td>
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</tbody>
</table>

Assembly
- Crimping on cables up to 75 mm²
- Ultrasound welding on cables up to 25 mm²
- Low pressure injection moulding in Macromelt technology

Control/quality
- The cables are fulfilling standards e.g. UL on customer demand
- Cross section analyse
- Pull force and crimp high measurement/control
- Electrical tests

Example of product design and connections/assembly