

France homologations
Prestressing strands

| ASQPE number | Diameter | Nominal tensile strength | number of wires | Nominal cross section | Nominal unit weight | Tolerance of section | Breaking force (F _m) | Proof force (F _{p0,1}) | Elasticity modulus | Ratio F _{p0,1} /F _m | Total elongation at max. force (A _{gt}) | Lay length | | Straight-ness in 1 m length | Construction of wires | Deflected tensile test | Stress corrosion resistance at 0,8 F _m in NH ₄ SCH | Stress corrosion resistance at 0,8F _m in distilled water | Fatigue resistance at 190MPa range, 0,7 F _m | Relaxation at 0,8 F _m |
|--------------|----------|--------------------------|-----------------|-----------------------|---------------------|----------------------|----------------------------------|----------------------------------|--------------------|---|---|------------|------|-----------------------------|-----------------------|------------------------|--|---|--|----------------------------------|
| | [mm] | [Nmm ²] | | [mm ²] | [g/m] | | | | | | | [%] | [kN] | | | | | | | |
| DD(M)-17 | 9,3 | 1860 | 7 | 52 | 406,1 | ±2 | 97 | 86 | 195 | 0,85-0,95 | 3,5 | 130 | 167 | 25 | 3,16+6x3,05 mm | max. 28 | min. 1,5; mean: 3 | 90 days, acc. To the NFA 05-302 | 2x10 ⁶ | max. 4,5 |
| | 12,5 | | | 93 | 726,3 | | 173 | 154 | | | | 175 | 225 | | 4,25+6x4,08 mm | | | | | |
| | 12,9 | | | 100 | 781,0 | | 186 | 166 | | | | 181 | 232 | | 4,40+6x4,25 mm | | | | | |
| | 15,2 | | | 139 | 1093,4 | | 260 | 230 | | | | 213 | 274 | | 5,25+6x5,00 mm | | | | | |
| | 15,7 | | | 150 | 1171,5 | | 279 | 248 | | | | 220 | 283 | | 5,40+6x5,17 mm | | | | | |

Coil dimensions - strands

| Outer diameter D (mm) | Inner diameter d (mm) | Wide W (mm) | Weight (kg) |
|-----------------------|-----------------------|-------------|-------------|
| | Max. 1600 | 800 | 500 |
| 900 | | 710 | |
| 965 | | 750 | |

